

EXHIBITS FOR CASE NO. 2659

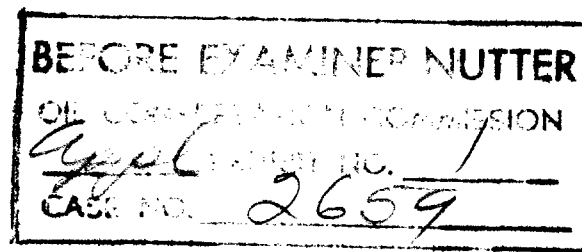
CABOT CORPORATION'S APPLICATION

FOR ORDER CREATING

NEW POOL AND 80-ACRE SPACING

CABOT CORPORATION

HUMBLE-STATE NO. 1



[illegible]

WELL HISTORY
WOLFCAMP FORMATION

CABOT CORPORATION
HUMBLE-STATE NO. 1

Location: 660' FNL and 330' FWL of Section 23, T11S, R33E,
Lea County, New Mexico

Total Depth: 9535'

Production String: 5-1/2" casing set at 9535'

Drill Stem Test: Wolfcamp formation tested from 8635' to 8711'
Open 2 hours. Gas to surface in 4 minutes, gauged
1,250 MCF. Oil to surface 5 minutes after shut-in
for final pressure. Reversed out 2000' oil and
gas-cut mud. Recovered 150' heavy oil and gas-cut
mud and 30' oil.
Initial shut-in pressure - 3094 psig/30 min.
Initial flow pressure - 767 psig
Final flow pressure - 453 psig
Final shut-in pressure - 2962 psig/45 min.

Perforations: Initial - 9446' to 9452' (Upper Penn)
Final - 8668' to 8679' and 8684' to 8689' (Wolfcamp)

Formation Treatment: Upper Penn formation 9446' to 9452 - acidized 1000 gals.
Wolfcamp formation 8668' to 8679' - 1,500 gals. mud acid.

Potential Tests: *On August 10, 1962 flowed 238 BO and 102 BW on 24/64"
choke with flowing casing pressure of 1000 psig and
flowing tubing pressure of 600 psig. GOR 1750/1.
Gravity 49° API for Upper Penn perforations 9446' to
9452'.

*This zone abandoned on September 4, 1962 because
of high water production.

On September 10, 1962 flowed 156 BO, 0 BW, on 11/64"
choke with flowing tubing pressure of 1400 psig.
GOR 1315/1. Gravity 50° API. Producing from Wolfcamp
perforations 8668' to 8679' and 8684' to 8689'.

Initial Reservoir
Pressure: 3112 psig @ 8600'.

SCHLUMBERGER**SONIC LOG**SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

COUNTY <u>LEA</u> FIELD or LOCATION <u>NORTH BAGLEY</u> WELL <u>HUMBLE STATE # 1</u> COMPANY <u>CABOT CORPORATION</u>	COMPANY <u>CABOT CORPORATION</u>	Other Surveys <u>MLL, LL</u>
	WELL <u>HUMBLE STATE # 1</u>	Location of Well <u>660' FROM N/L</u> <u>330' FROM W/L</u> <i>Walter</i>
	FIELD <u>NORTH BAGLEY</u>	
	LOCATION <u>SEC. 23-11S-33E</u>	
	COUNTY <u>LEA</u>	Elevation: K.B.: <u>4258</u> D.F.: <u>4257</u> or G.L.: <u>4246</u>
STATE <u>NEW MEXICO</u>		

Log Depths Measured From KB 12 Ft. above GL

RUN No.	ONE		
Date	7-22-62		
First Reading	9530		
Last Reading	0		
Feet Measured	9530		
Csg. Schlum.	-		
Csg. Driller	9 5/8" @ 3800		
Depth Reached	9536		
Bottom Driller	9535		
Mud Nat.	SALT GEL		
Dens.	Visc.	10	46
Mud Resist.	.146 @ 76 °F	@ °F	@ °F
" Res. BHT	.08 @ 139 °F	@ °F	@ °F
" pH	@ °F	@ °F	@ °F
" Wtr. Loss	16 CC 30 min	CC 30 min	CC 30 min
" Rmf	.096 @ 78 °F	@ °F	@ °F
Bit Size	8 1/2"		
Spacing:			
T 3 R ₁ R ₂	CSG. To TD	To	To
T R ₁ R ₂	To	To	To
Opr. Rig Time	6 1/2 HOURS		
Truck No.	2526-HOBBS		
Recorded By	DAVIS		
Witness	MOPRISON		

FOLD HERE

REMARKS VLC No.: X4 GR:B 80 440 82.5 SEN. 800 TC.6 LOG SEN 400 TC 2/1 SPEED 30/60
VIS No.: 171 IES CENTRALIZERS AND SONIC NOSE CENTRALIZER USED FPM

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