

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

TELEPHONES 393-3942
393-3117

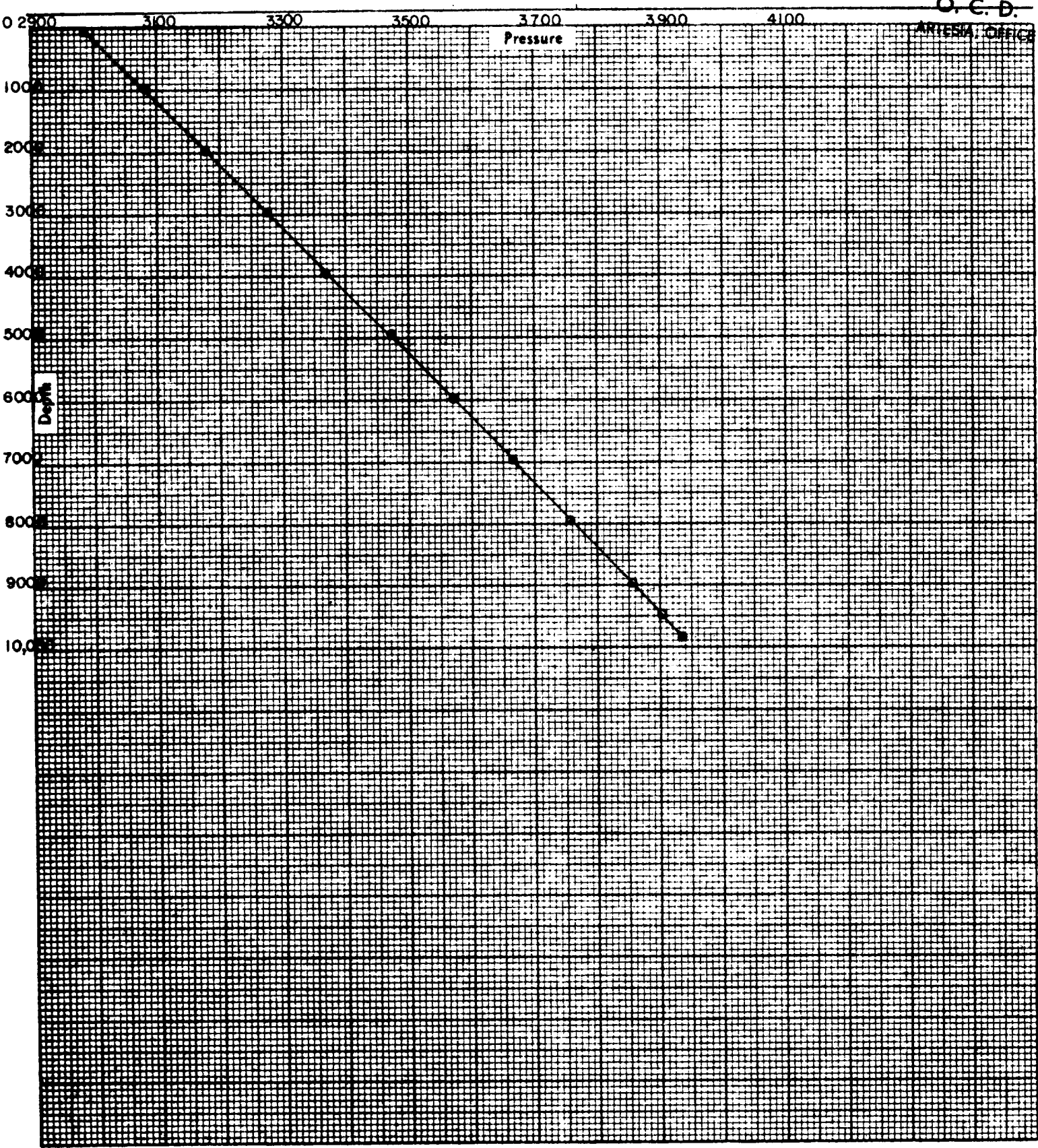
BOTTOM HOLE PRESSURE SURVEY REPORT

OPERATOR T X O PRODUCTION CO.
LEASE EMPIRE STATE COM
WELL NO. 1
FIELD _____
DATE 2-17-82 TIME 12:30 P.M.
STATUS Shut-In TEST DEPTH 9883'
TIME S.I. _____ LAST TEST DATE _____
CAS. PRES. _____ BHP LAST TEST _____
TUB. PRES. 2982PSI BHP CHANGE _____
ELEV. _____ FLUID TOP _____
DATUM _____ WATER TOP _____
TEMP _____ RUN BY Rusty Weaver
CLOCK NO. 24653 GAUGE NO. 18993
ELEMENT NO 34911 (0-6000 PSI)

DEPTH	PRESSURE	GRADIENT
000	2982	
1000	3081	.099
2000	3178	.097
3000	3274	.096
4000	3370	.096
5000	3473	.103
6000	3572	.099
7000	3666	.094
8000	3759	.093
9000	3855	.096
9500	3901	.099
*9883	3937	.094

RECEIVED
APR 1 1982

* Mid-Point of Perforations



NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	1
FILE	1
MAILING	1
LAND OFFICE	1
TRANSPORTER	OIL 1 GAS 1
OPERATOR	1
PRODUCTION OFFICE	1

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND

RECEIVED
C-104
Superseded Old C-104 and
Effective 1-1-85

AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

MAR 24 1982
O. C. D.
ARTESIA, OFFICE

Operator
TXO PRODUCTION CORP /

Address
900 WILCO BLDG, MIDLAND, TX 79701 915/682-7992

Reason(s) for filing (Check proper box) Other (Please explain)

New Well	☒	Change in Transporter of:	
Recompletion	☐	Oil	☐
Change in Ownership	☐	Casinghead Gas	☐
		Dry Gas	☐
		Condensate	☐

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
EMPIRE STATE COM	1	UNDESIGNATED (MORROW)	State, Federal or Fee	B-2178
Location				
Unit Letter	M	660 Feet From The	SOUTH Line and	660 Feet From The
Line of Section	20	Township	17-S	Range
			28-E	NMPM, EDDY County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒	Address (Give address to which approved copy of this form is to be sent)					
BIGHEART PIPELINE CO	P. O. BOX 376, TULSA OK 74101					
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent)					
CABOT CORPORATION	7120 I-40 WEST, AMARILLO, TX 79106					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	M	20	17-S	28-E	YES	3/16/82

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. R.
		X	X					
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
12/18/81	3/16/82	10,020	10,020					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Taking Depth					
3564 GR, 3581 KB	MORROW	9876'	9733					
Perforations			Depth Casing Shoe					
9876-90			9733					

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17 1/2	13 3/8	510	550
12 1/2	8 5/8	2511	1450
7 7/8	4 1/2	10,020	300

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

Posted ID-2
+ Comp. Book
BHC + CAB
3-26-82

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
4391	24 hrs	45	
Testing Method (pilot, back pr.)	Tubing Pressure (lbwt-in)	Casing Pressure (lbwt-in)	Choke Size
FLOWING	700#	950#	29 / 64"

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Frieda Crawford
(Signature)
FRIEDA CRAWFORD, ENG. ASS'T
(Title)
3/22/82
(Date)

OIL CONSERVATION COMMISSION

APPROVED **MAR 26 1982**
BY W.A. Gressett
TITLE **SUPERVISOR, DISTRICT II**

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the available tests taken on the well in accordance with RULE 1104.
All portions of this form must be filled out completely for all wells on new and re-completed wells.
Fill out only Sections I, II, III, and VI for changes of well name or number, or transporter or other such change of condition.

RECEIVED

MAR 24 1982

DEVIATION TEST
TEXAS OIL AND GAS CORPORATION

O. C. D.
ARTESIA, OFFICE

EMPIRE STATE COMM. # 1
Section 20,660'FSL, 660'FWL, T-17-S, R-28-E
Eddy County, New Mexico

<u>DEPTH</u> <u>(FEET)</u>	<u>DEVIATION</u> <u>(DEGREES)</u>
272	3/4
514	1
766	1
1,266	1
1,517	1/4
2,017	1
2,511	1/4
3,005	1
3,510	1/4
4,024	1
4,424	3/4
4,921	4 1/2
4,981	3/4
5,260	3/4
5,508	3/4
5,695	3/4
5,908	3/4
6,160	1
6,375	3/4
6,467	1/4
6,961	3/4
7,513	3/4
7,818	1/4
8,315	1
9,180	1/4
9,988	3/4
10,020	3/4

WARTON DRILLING COMPANY

T. G. Ellzey
Operations Manager

SUBSCRIBED AND SWORN TO before me this 1st day
of February, A. D. 1982.

Chyree A. Bright
Chyree A. Bright, Notary
Public in and for the State
of Texas

RECEIVED

MAR 19 1982

OIL CONSERVATION COMMISSION

O. C. D.
ARTESIA, OFFICE

P. O. DRAWER DD

ARTESIA, NEW MEXICO 88210

NOTICE OF GAS CONNECTION

Date March 16, 1982

This is to notify the Oil Conservation Commission that connection
for the purchase of gas from the TXO Prod. Corp.

Operator

Empire State Com /

#1 M 20-17S-28E

Lease

Well & Unit S.T.R.

Empire

Cabot Corporation

Pool

Name of Purchaser

was made on March 16, 1982.

Cabot Corporation

Purchaser

Representative

Operations Superintendent

Title

cc: To operator
Oil Conservation Commission - Santa Fe
Oil Conservation Commission
P. O. Drawer DD
Artesia, NM 88210
Attention: Bill Gressett

Ralph Adams
Ira Fariss