

OIL CONSERVATION COMMISSION
1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO

August 28, 1964

Pan American Petroleum Corporation
P.O. Box 480
Farmington, New Mexico

Attn: Mr. L. O. Speer

Re: File No. N-569-400-1

Dear Mr. Speer:

We have the tabulation of deviation surveys run on your #7 E.E. Elliott "B" Well located in the NE $\frac{1}{4}$ Section 27-30N-9W, along with your letter and plat referring to the same matter.

Although the deviation on this well exceeds the 5% maximum, the location of the bottom of the hole, assuming a direction of the drift toward the nearest unit boundary, is still located 569 feet from the unit boundary.

You are, therefore, exempt from the requirements of conducting a directional survey on this well in order to determine the exact location of the bottom of the hole.

Yours very truly

Emery C. Arnold
Supervisor, District #3

ECA:ks

cc: Mr. A. L. Porter
OCC, Santa Fe, N.M.

NUMBER OF COPIES RECEIVED	
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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

(Form C-104)
Revised 7/1/57

Santa Fe, New Mexico

REQUEST FOR ~~(OIL)~~ - (GAS) ALLOWABLE

New Well
~~Recompletion~~

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico

August 14, 1964

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

PAN AMERICAN PETR. CORP. E. E. Elliot "B" Well No. 7 in SE 1/4 NE 1/4,

(Company or Operator) (Lease)

H Sec. 27, T. -30-N, R. -9-W, NMPM, Basin Dakota Pool

Unit Letter

San Juan

County. Date Spudded 6-22-64 Date Drilling Completed 7-17-64

Elevation 5942 (RDB) Total Depth 7263 PBDT 7175

Please indicate location:

D	C	B	A
E	F	G	H X
L	K	J	I
M	N	O	P

1800 FNL and 990 FEL

(FOOTAGE)

Tubing, Casing and Cementing Record

Size	Feet	Sax
<u>9 5/8"</u>	<u>303</u>	<u>150</u>
<u>7"</u>	<u>4903</u>	<u>700</u>
<u>4 1/2"</u>	<u>7302</u>	<u>500</u>
<u>2 3/8"</u>	<u>7033</u>	

Top ~~xxx~~/Gas Pay 7002 Name of Prod. Form. Dakota

PRODUCING INTERVAL - 7229-37, 7188-94 with 4 shots per foot.
7121-35 with 4 shots per foot.

Perforations 7005-27 with 4 shots per foot.

Open Hole None Depth 7263 Casing Shoe 7263 Depth 7007 Tubing

OIL WELL TEST -

Natural Prod. Test: _____ bbls. oil, _____ bbls water in _____ hrs, _____ min. Size _____ Choke

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of Choke load oil used): _____ bbls. oil, _____ bbls water in _____ hrs, _____ min. Size _____

GAS WELL TEST -

Natural Prod. Test: _____ MCF/Day; Hours flowed _____ Choke Size _____

Method of Testing (pitot, back pressure, etc.): _____

Test After Acid or Fracture Treatment: 1200 MCF/Day; Hours flowed 3

Choke Size 3/4" Method of Testing: PITOT TUBE

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 75,970 Gal. water and 54,600 pounds sand.

Casing Press. 400 Tubing Press. 100 Date first new oil run to tanks Shut-in

Oil Transporter Platoon, Inc.

Gas Transporter El Paso Natural Gas Company

Remarks: Well completed 8-3-64 as Basin Dakota Field Development well.

Copies of Deviation Survey are attached.

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

Approved: 8-27, 1964 Pan American Petroleum Corporation

Original Sign. (Company or Operator)
G. L. HAMILTON

OIL CONSERVATION COMMISSION

By: Emory C. Pugh

Supervisor, District #3

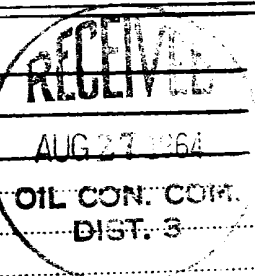
Title _____

By: _____ (Signature)

Title District Services Supervisor
Send Communications regarding well to:

Name L. O. Speer, Jr.

Address P. O. Box 480, Farmington, New Mexico



TABULATION OF DEVIATION TESTS
PAN AMERICAN PETROLEUM CORPORATION
E. E. ELLIOTT "B" NO. 7

<u>MEASURED DEPTH, FEET</u>	<u>DEVIATION, DEGREES</u>	<u>INCREMENTAL DEPTH</u>	<u>DEGREES</u>	<u>HORIZONTAL DRIFT INCREMENTAL, FEET</u>	<u>HORIZONTAL DRIFT TOTAL, FEET</u>
313	1/2				
725	1/2	725	1/2	6	6
1118	3/4				
1511	3/4	817	3/4	11	17
1542	3/4				
1776	1/4	234	1/4	1	18
2156	1/2				
2415	1/2	1030	1/2	9	27
2806	1/2				
3075	1	269	1	5	32
3459	3/4	384	3/4	5	37
3620	1	161	1	3	40
3913	3/4	293	3/4	4	44
4145	1	232	1	4	48
4368	1 1/2	223	1 1/2	6	54
4790	1	422	1	7	61
5277	3/4	487	3/4	6	67
5672	2	395	2	14	81
5900	6 1/4	228	6 1/4	25	106
6000	7	100	7	12	118
6150	10 1/2	150	10 1/2	27	145
6230	13 1/2	80	13 1/2	19	164
6293	15				
6324	15	126	15	33	197
6356	15				
6440	14 3/4	84	14 3/4	21	218
6510	14 1/4	70	14 1/4	17	235
6600	15	90	15	23	258
6665	15 3/4	65	15 3/4	18	276
6696	15 1/2	31	15 1/2	8	284
6756	15 1/4				
6820	15 1/4	124	15 1/4	32	316
6880	17 1/4	60	17 1/4	18	334
6911	18				
6942	18	93	18	27	361
6973	18				
7006	17 1/4	63	17 1/4	19	380
7036	17 1/4				
7067	17	31	17	9	389
7100	16 1/2	33	16 1/2	9	398
7190	15	90	15	23	421

CLOSEST LEASE (SECTION) LINE 990' FNL
~~421'~~
569' FNL

CLOSEST OFFSET OPERATOR 1800' FNL
~~421'~~
1379' FNL

A F F I D A V I T

THIS IS TO CERTIFY that to the best of my knowledge the above tabulation details the deviation test taken on PAN AMERICAN PETROLEUM CORPORATION'S E. E. Elliott "B" #7, located 1800' FNL & 990' FNL, Section 27, T-30-N, R-9-W, San Juan County, New Mexico.

Signed F. H. Hollingsworth
Petroleum Engineer

THE STATE OF NEW MEXICO)
COUNTY OF SAN JUAN } SS.

BEFORE ME, the undersigned authority, on this day personally appeared F. H. Hollingsworth known to me to be Petroleum Engineer for Pan American Petroleum Corporation and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for said County and State this 17th day of August, 1964.

C. K. Dietz
Notary Public

PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 480, Farmington, New Mexico
August 25, 1964

File: N-569-400.1

Subject: Directional Survey
E. E. Elliott "B" No. 7
NE/4 Section 27, T-30N, R-9W
Basin Dakota Field
San Juan County, New Mexico

Mr. E. C. Arnold (3)
New Mexico Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico

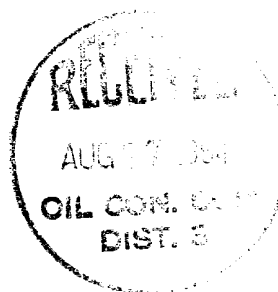
Dear Sir:

Referring to your conversation with Frank H. Hollingsworth on July 14, 1964, concerning the need for a Directional Survey of the subject E. E. Elliott "B" No. 7, we have attached the original and copies of the following:

1. Form C-104 - Request For Gas Allowable
2. Tabulation of Deviation Tests
3. Location Plat of Township 30 North, Range 9 West

Referring to the attached Tabulation of Deviation Tests for the E. E. Elliott "B" No. 7, you will note that the deviation from vertical on this well exceeded five degrees at 5900' and below. However, the running of a Directional Survey was extremely hazardous due to wet hole conditions while gas drilling this portion of the well, and it is requested that the attached Tabulation of Deviation Tests be accepted in lieu of a Directional Survey.

As may be noted, the maximum horizontal drift would be 421' from the surface well location. As the well was staked 1800' from the north line and 990' from the east line of Section 27, this would mean that the closest point to the section line would be 569' from the east line. The offsetting lease in the adjoining Section 26 to the east is Pan American's same basic lease. The closest offset operator is to the north so the closest possible bottom hole location to an offset operator is 1800' minus 421' or 1379' from the north line, which is within the limits of an orthodox Basin Dakota well

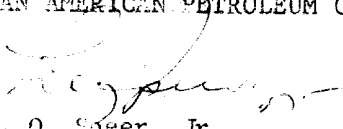


August 25, 1964
N-569-400.1

location. Therefore, it is recommended that this Tabulation of Deviation Tests be accepted in lieu of a Directional Survey.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION


L. O. Speer, Jr.
Area Superintendent

FHH:en
Attach.

