

CASE 2414: Application of SOUTHWEST
PROD. CO. for an unorthodox gas
well location - San Juan County.

Handwritten signature and notes, possibly including "SOUTHWEST" and "PROD. CO."

-asa//o.

244

plication, Transcript,
all Exhibits, Etc.

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 2414
Order No. R-2111

APPLICATION OF SOUTHWEST PRODUCTION
COMPANY FOR AN UNORTHODOX GAS WELL
LOCATION, SAN JUAN COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on October 25, 1961, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 1st day of November, 1961, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Southwest Production Company, seeks approval of an unorthodox gas well location in the Flora Vista-Mesaverde Pool for its Palmer Well No. 1, located 2360 feet from the South line and 830 feet from the West line of Section 26, Township 30 North, Range 12 West, NMPM, San Juan County, New Mexico.
- (3) That said well is to serve as the unit well for a 160-acre gas unit comprising the SW/4 of said Section 26.
- (4) That said well, which was staked and drilled at a standard location with an objective in the Basin-Dakota Pool, was completed in the Mesaverde formation when production was obtained therein.
- (5) That the unorthodox location in the Flora Vista-Mesaverde Pool crowds only acreage owned by applicant.
- (6) That approval of the subject application will neither cause waste nor impair correlative rights.

-2-

CASE No. 2414
Order No. R-2111

IT IS THEREFORE ORDERED:

(1) That the applicant, Southwest Production Company, is hereby authorized to complete its Palmer Well No. 1 at an unorthodox gas well location in the Flora Vista-Masaverde Pool 2360 feet from the South line and 830 feet from the West line of Section 26, Township 30 North, Range 12 West, NMPM, San Juan County, New Mexico.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



E. L. Mechem

EDWIN L. MECHEM, Chairman

E. S. Walker

E. S. WALKER, Member

A. L. Porter, Jr.

A. L. PORTER, Jr., Member & Secretary

esr/

GOVERNOR
EDWIN L. MECHEM
CHAIRMAN

State of New Mexico
Oil Conservation Commission



LAND COMMISSIONER
E. S. JOHNNY WALKER
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

P. O. BOX 971
SANTA FE

November 1, 1961

Mr. William J. Cooley
Verity, Burr & Cooley
Attorneys and Counselors at Law
Suite 152 Petroleum Center Bldg.
Farmington, New Mexico

Re: Case No. 2413 & 2414
Order No. R-2105 & R-2111
Applicant:
Aspen Crude Purchasing Company
and Southwest Production Co.

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. Porter, Jr.

A. L. PORTER, Jr.
Secretary-Director

ir/

Carbon copy of order also sent to:

Hobbs OCC X

Artesia OCC

Aztec OCC X

OTHER

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Date 10/27/61

CASE 2414

Hearing Date 9 am 10/25
DSN @ SF

My recommendations for an order in the above numbered cases are as follows:

Enter an order approving ~~unorthodox~~ ^{Long Vista MO} ~~Basin~~
gas well location for Southwest Prod Co's
Palmer #1, 2360' FSL & 830' KWL Sec 26
T30N R12W.

Well was staked and drilled as std
loc w/ objective as Basin Dak.
When prod was obtained in MU
plans for the Dak were ab'd and the
well compl on a MU well

Crowding acreage owned by SW Prod
only w/ ~~same~~ royalty ownership.

San Juan

No. 29-61

DOCKET: EXAMINER HEARING - WEDNESDAY - OCTOBER 25 1961

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM
STATE LAND OFFICE BUILDING - SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or
Elvis A. Utz, as alternate examiner:

Cases 2413 through 2420 will not be heard before 1:00 P.M.

- CASE 2403: In the matter of the hearing called by the Oil Conservation Commission to permit Henry W. Etz, Jr. and all interested parties to appear and show cause why the Rice Andrews Well No. 1, located in Unit C, Section 14, Township 14 South, Range 25 East, Chaves County, New Mexico, should not be replugged in accordance with a Commission-approved plugging program.
- CASE 2404: Application of Continental Oil Company for a 272.38-acre non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of a 272.38-acre non-standard gas proration unit in the Eumont Gas Pool, comprising Lots 2, 3, 4, 5, 6, 7 and 8 of Section 1, Township 21 South, Range 36 East, Lea County, New Mexico; said unit is to be dedicated to the State F-1 Well No. 6, located 660 feet from the North and West lines of said Section 1.
- CASE 2405: Application of Amerada Petroleum Corporation for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Ida Wimberly Well No. 11, located in the NW/4 SW/4 of Section 24 Township 25 South, Range 37 East, Lea County, New Mexico, as a dual completion in the Justis-Paddock and Justis-Blinbry Pools, with the production of oil from the Paddock zone to be through a tapered string of tubing of 2 3/8-inch and 2 1/16-inch diameter and the production of oil from the Blinbry zone to be through a tapered string of tubing of 2 3/8-inch and 1-inch diameter.

- CASE 2406: Application of Shell Oil Company for an exception to Rule 502-1, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 502-1 to increase from 25 percent to 100 percent the daily production tolerance applicable to all of its wells located in the Hobbs, Eunice-Monument, Vacuum-Abo and Vacuum-San Andres Pools, Lea County, New Mexico.
- CASE 2407: Application of Shell Oil Company for approval of the Cabezon Unit Agreement, Sandoval County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Cabezon Unit Agreement embracing 22,743 acres, more or less, of State, fee and Federal lands in Townships 16 and 17 North, Ranges 2, 3 and 4 West, Sandoval County, New Mexico.
- CASE 2408: Application of Texaco, Inc. for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its V. M. Henderson Well No. 6, located in Unit C, Section 30, Township 21 South, Range 37 East, Lea County, New Mexico, as a triple completion adjacent to the Paddock, Blincbry, and Drinkard Pools, with production of oil from the Paddock and Drinkard zones to be through parallel strings of 2 1/16-inch tubing and the production of gas from the Blincbry Gas Pool to be through the tubing-casing annulus.
- CASE 2409: Application of Texaco Inc. for a quintuple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its G. L. Erwin "b" NCT-2 Well No. 2, located in Unit J, Section 35, Township 24 South, Range 37 East, Lea County, New Mexico, as a quintuple completion (tubingless) in undesignated Ellenburger, McKee, Fusselman, Siluro-Devonian and Drinkard pools, with the production of oil from the McKee, Fusselman, Siluro-Devonian and Drinkard zones to be through parallel strings of 2 3/8-inch tubing and the production of oil from the Ellenburger-zone to be through a string of 2 7/8-inch tubing, all strings of tubing to be cemented in a common well bore.
- CASE 2410: Application of Hondo Oil & Gas Company for permission to directionally drill and for an unorthodox bottom hole location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks permission to directionally drill a well in Section 26, Township 17 South, Range 28 East, Eddy County,

CASE 2410: (Cont.)

New Mexico, the surface location to be 2310 feet from the North line and 1980 feet from the East line of said Section 26 and the bottom hole location to be in the Empire-Abo Pool at a situs 2540 feet from the North line and 1980 feet from the East line of said Section 26.

CASE 2411:

Application of Socony Mobil Oil Company, Inc., for an exception to Rule 303 (a), Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 303 (a) to permit the commingling of the production from the Anderson Ranch-Devonian and the Anderson Ranch-Wolfcamp Pools on its New Mexico "S" lease, which includes Lot 2 of Section 2, Township 16 South, Range 32 East, Lea County, New Mexico. Applicant proposes to meter the production from one pool only, and to allocate production to the other pool according to the subtraction method; the API gravity of the Anderson Ranch-Devonian crude is greater than 45°.

CASE 2412:

Application of Val R. Reese & Associates, Inc., for an unorthodox gas well location and a non-standard gas unit, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks permission to locate its Benn Well No. 1-9 at an unorthodox gas well location in an undesignated Gallup pool, 2210 feet from the North line and 330 feet from the East line of Section 9, Township 23 North, Range 7 West, Rio Arriba County, New Mexico, said well to be dedicated to a 152.02-acre non-standard gas unit comprising the NE/4 of said Section 9.

The following cases will not be heard before 1:00 P.M.

CASE 2413:

Application of Aspen Crude Purchasing Company for an unorthodox oil well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox oil well location in the Totah-Gallup Oil Pool for a well to be drilled 1190 feet from the South line and 2210 feet from the East line of Section 11, Township 28 North, Range 13 West, San Juan County, New Mexico.

CASE 2414:

Application of Southwest Production Company for an unorthodox gas well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox

Docket No. 29-61

CASE 2414: (Cont.)

gas well location in an undesignated Mesaverde pool for a well located 2360 feet from the South line and 830 feet from the West line of Section 26, Township 30 North, Range 12 West, San Juan County, New Mexico. Said well is to serve as the unit well for a 160-acre gas proration unit comprising the SW/4 of said Section 26.

CASE 2415:

Application of Southwest Production Company for an order pooling all mineral interests in the Basin-Dakota Gas Pool in the E/2 of Section 14, Township 30 North, Range 12 West, San Juan County, New Mexico. Interested parties include the unknown heirs of Abas Hassan, deceased, the unknown heirs of D. M. Longstreet, deceased, and Robert E., Alice L., and Samuel Glenn Goodwin, and/or their unknown heirs.

CASE 2416:

Application of Southwest Production Company for an order pooling all mineral interests in an undesignated Mesaverde gas pool in the E/2 of Section 22, Township 30 North, Range 12 West, San Juan County, New Mexico.

CASE 2417:

Application of Scanlon Engineering Company for an order fixing the spacing of wells, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks an order fixing the spacing of wells producing from the Mesaverde formation in Sections 21, 22 and 27, all in Township 20 North, Range 9 West, McKinley County, New Mexico. Applicant recommends the establishment of two and one-half acre well spacing.

CASE 2418:

Application of Humble Oil & Refining Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its State BM Well No. 1, located in Unit I, Section 2, Township 25 South, Range 37 East, Lea County, New Mexico, as a dual completion (Tubingless) in undesignated Fusselman and Ellenburger pools, with the production of oil from the Fusselman zone through 2 7/8-inch casing and the production of oil from the Ellenburger zone through 2 3/8-inch casing cemented in a common well bore.

CASE 2419:

Application of Leonard Oil Company for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Federal Ginsberg Well No. 11, located in Unit E, of Section 31, Township 25 South, Range 38 East, Lea County, New Mexico, as a triple completion (conventional) in the Justis Blinbry Pool, in an undesignated

CASE 2419: (Cont.)

Tubb Pool and in the Justis Fusselman Pool, with production of oil from the Tubb and Fusselman zones to be through parallel strings of 2 3/8-inch tubing and the production of oil from the Blinbry zone through a string of 2 1/16-inch tubing.

CASE 2420:

Application of Zapata Petroleum Corporation for authority to inject water into the Maljamar Pool, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authorization to inject water into the Maljamar Pool (Grayburg and San Andres formations) through eight wells located in Sections 17, 18 and 19, all in Township 17 South, Range 33 East, Lea County, New Mexico, for the purpose of secondary recovery.

Case 2414

VERITY, BURR & COOLEY
ATTORNEYS AND COUNSELORS AT LAW
SUITE 152 PETROLEUM CENTER BUILDING
FARMINGTON, NEW MEXICO
September 21, 1961

GEO. L. VERITY
JOEL B. BURR, JR.
WM. J. COOLEY
NORMAN S. THAYER

TELEPHONE 325-1702

Oil Conservation Commission
Land Office Building
Santa Fe, New Mexico

Gentlemen: Our File No. 1320-L

Enclosed herewith is original and two copies of
Application for Unorthodox Well Location in San
Juan County, New Mexico.

We would appreciate your setting this matter down
for hearing before the trial examiner at an early
date.

Very truly yours,

VERITY, BURR & COOLEY

BY Geo. L. Verity
Geo. L. Verity

GLV:mts
Enc.

10-11-61
Jackets
mailed
JR

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF:

THE APPLICATION OF SOUTHWEST PRODUCTION)
COMPANY, a co-partnership consisting of)
JOHN H. HILL and JOSEPH P. DRISCOLL,)
FOR PERMISSION TO PRODUCE A MESA VERDE)
GAS WELL AT AN UNORTHODOX LOCATION IN)
THE SOUTHWEST QUARTER (SW $\frac{1}{4}$) OF SECTION)
26, T-30-N, R-12-W, N.M.P.M., SAN JUAN)
COUNTY, NEW MEXICO.)

Case No. 2414

A P P L I C A T I O N

Comes now the applicant and states:

1. That Southwest Production Company, a co-partnership consisting of John H. Hill and Joseph P. Driscoll, is the owner of the oil and gas leases covering the Southwest Quarter (SW $\frac{1}{4}$) of Section 26, T-30-N, R-12-W, N.M.P.M., San Juan County, New Mexico, insofar as such leases cover the Dakota formation.

2. That heretofore the applicant staked a well in the above described SW $\frac{1}{4}$ of Section 26 at a point 2360 feet from the South line and 830 feet from the West line of said Section; that the entire West Half (W $\frac{1}{2}$) of said Section 26 was to be dedicated to such well and it was intended to produce it from the Dakota formation, all of which formation in the W $\frac{1}{2}$ of Section 26 is owned by it. That such a location was an orthodox Dakota formation location but that in the drilling of such well the applicant accidentally encountered an especially fine section of the Mesa Verde formation which will produce a large volume of gas if applicant is allowed to complete and produce said well at such location which is an unorthodox location for the above described SW $\frac{1}{4}$ of Section 26.

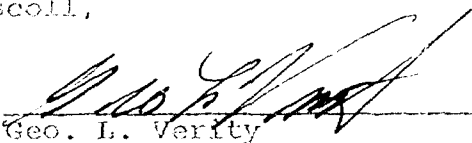
3. That the Mesa Verde formation in the area of the above described well is erratic and difficult to predict; that there are a few Mesa Verde wells in the area, one of which is on an unorthodox location. That it would be inequitable to require the applicant to abandon Mesa Verde production from the above described well when it has been established therein; that applicant should be allowed to keep and produce such well at the location stated from the Mesa Verde formation. That to do so will prevent waste and promote and protect the correlative rights of the parties.

4. That the only party interested or who will be affected by this application other than the applicant is Pan-American Petroleum Corp., whose address is Petroleum Center Building, Farmington, New Mexico.

WHEREFORE, applicant prays that this application be set down for hearing; that due notice thereof be given in accord with the Rules of this Commission and the laws of the State of New Mexico, and that upon hearing of such application and from the evidence to be adduced the Commission enter its Order granting applicant the right to complete and produce the above described well at the location stated in the undesignated Mesa Verde pool and that it be given a regular 160 acre allowable, in accord with the standard Rules and regulations applying to such pool.

SOUTHWEST PRODUCTION COMPANY,
a co-partnership consisting
of John H. Hill and Joseph P.
Driscoll,

By


Geo. L. Verity
Verity, Burr & Cooley
Its Attorney
152 Petroleum Center Building
Farmington, New Mexico

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

EXAMINER HEARING

IN THE MATTER OF:
Application of Southwest Production Company
for an unorthodox gas well location, San Juan
County, New Mexico.

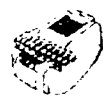
Case No. 2414

October 26, 1961

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CM 3-6691

ALBUQUERQUE, NEW MEXICO



BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

October 26, 1961

EXAMINER HEARING

IN THE MATTER OF:

Application of Southwest Production Company
for an unorthodox gas well location, San Juan
County, New Mexico. Applicant, in the above-
styled cause, seeks approval of an unorthodox
gas well location in an undesignated Mesaverde
pool for a well located 2360 feet from the South
line and 830 feet from the West line of Sec-
tion 26, Township 30 North, Range 12 West, San
Juan County, New Mexico. Said well is to serve
as the unit well for a 160-acre gas proration
unit comprising the SW $\frac{1}{4}$ of said Section 26.

CASE NO.
2414

BEFORE: Daniel S. Nutter, Alternate Examiner

TRANSCRIPT OF HEARING

EXAMINER NUTTER: We will call Case No. 2414.

MR. MORRIS: Application of Southwest Production
Company for an unorthodox gas well location, San Juan County,
New Mexico.

MR. COOLEY: William J. Cooley, Verity, Burr & Cooley,
Farmington, New Mexico, appearing on behalf of the applicant.
We have one witness.

V. L. WIEDERKEHR

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325 1112

ALBUQUERQUE, N. M.
PHONE 243 6591



called as a witness, having been first duly sworn on oath, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. COOLEY:

Q Would you state your full name for the record, please.

A V. L. Wiederkehr.

Q By whom are you employed, Mr. Wiederkehr, and in what capacity?

A I am employed by Southwest Production Company in engineering geology.

Q In such capacity, are you familiar with the particular well in question which is the subject of application in Case No. 2414?

A Yes, sir, I am. I staked the location and drilled the well.

Q What is the name of that well?

A It is carried on this plat as the Palmer No. 1.

Q You just referred to a plat.

MR. COOLEY: Would you mark that for identification as Exhibit No. 1 in this case?

(Applicant's Exhibit No. 1 marked for identification)

Q (By Mr. Cooley) Now, referring to what has been marked for identification as Exhibit No. 1, would you please state what is shown thereon?

A In this line, I might mention that this acreage which

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PHONE 243 6691



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FARMINGTON, N. M.
PHONE 325-1112

ALBUQUERQUE, N. M.
PHONE 243-6591

lies in the Animas River Valley, there are some small tracts under lease in which Southwest Production does not have a 100% working interest which leads to confusion if we try to mark off these small facts.

Q For the sake of this application then, the Hatch is identified as properties owned either 100% or nearly 100% by Southwest Production?

A That's correct.

Q Is the subject well shown thereon?

A The well is shown as the Palmer No. 1 which is in the northwest of the SW $\frac{1}{4}$ of Section 26, 30-12.

Q Can you tell us the location of the well?

A 2360 from the south, 830 from the West line of Section 26.

Q What acreage is dedicated to the well?

A The SW $\frac{1}{4}$ of Section 26 is dedicated to this undesignated Mesa Verde well.

Q How close is this well to the north line of the 160-acre unit to which it is dedicated?

A 280 feet from the north line of the dedicated unit.

Q Is it unorthodox with respect to the west or east lines?

A No, it is not.

Q Then, would you please testify as to what acreage this well is crowding the ownership of lands to the north?

A The well, of course, is unorthodox only in a northerly



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FARMINGTON, N. M.
PHONE 325-1192ALBUQUERQUE, N. M.
PHONE 243-6601

direction which is crowding acreage under lease by Southwest Production. The acreage immediately to the north also has common mineral ownership with the tract on which the well is drilled.

Q You mean it has the same royalty owners?

A Correct.

Q Then, does the unorthodox location of this well in any way change or alter the property rights of either working interest or royalty owners?

A No, it does not. I might add along these lines that this well was staked at a Dakota location which was orthodox and which helped the Mesa Verde to recover some 7,000 to 7,500 MCF per day of gas from drill stem tests so we decided to complete in the Mesa Verde rather than carry the well on to the Dakota. These are the circumstances that caused this unorthodox Mesa Verde well.

Q Why didn't you proceed to dually complete this well if you were interested in both the Dakota and Mesa Verde formations?

A Generally, our company is not extremely interested in dual completions. In this particular area, we felt that drilling onto the Dakota with mud on the established part probably would damage the higher permeable zone. We preferred to complete in the Mesa Verde rather than to go to the Dakota and dually complete it.

Q How does the productivity of the Mesa Verde which you



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encountered in the Palmer No. 1 well, the subject of this application, compare with the other Mesa Verde wells in what is to be designated as the Flora Vista Mesa Verde Pool?

A This well tested on drill stem test much better than any other well other than the J. Glen Turner Osburn No. 1. The test was comparable to this Osburn No. 1 much better than any well tested in this area.

Q How did it compare in sand thickness with other wells in the pool?

A This well was only drilled into the stand, so we may - it's hard to say how much sand we would have to blow.

Q What do you consider the net productivity in the well as drilled?

A We drilled into some twenty feet of net pay stopping in the sand in the pay zone. The well was completed in the open hole.

Q You have been previously qualified before this Commission as an expert witness?

A Yes, sir, I have.

Q In your opinion is this well unusually good?

A I should say 7,000 MCF on a drill stem test would be unusually good.

Q Is it your fear of damaging this well that you refuse to dually complete it?

A Correct.



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PHONE 243 6631

Q In line with this thinking, have you already started the Dakota well in this same 160?

A We have. The well designated as the Palmer 1D, in this same quarter quarter is presently drilling to the Dakota. As a matter of fact, it was probably logged yesterday.

Q Do you think that the Palmer 1, the subject well as located, will drain the 160 acres to which it is dedicated?

A We are presently conducting tests and gathering data which suggests that a well in this zone will drain in excess of 320 acres.

Q Is it your opinion it will drain the 160 in which it is located?

A Yes.

Q Do you think the location will cause waste?

A I do not.

MR. COOLEY: I have no further questions.

EXAMINER NUTTER: Are there any questions of Mr. Wiederkehr?

EXAMINATION BY MR. MORRIS:

Q Mr. Wiederkehr, the Hudson well located at the north-west quarter Section 26, is it completed in the same formation as the subject well?

A Yes, sir.

Q Was it completed before or after?

A Afterward.



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FARMINGTON, N. M.
PHONE 325-1182

ALBUQUERQUE, N. M.
PHONE 243-6611

Q Afterwards?

A Yes.

Q What about the Smith well in the southeast quarter of Section 23?

A It was completed prior to this well.

Q Completed prior?

A Yes.

Q Was it completed in the same formation?

A Correct.

Q On the basis of the information that you obtained in the Smith well, would you not have had some reason to believe that you would encounter that same formation in the Palmer No. 1?

A We expected to encounter this pay zone in the Palmer 1. That was the reason for the drill stem test. However, we did not expect such a prolific test.

Q You don't intend to complete in the Mesa Verde?

A No, sir, we do not. Our intent calls for a Dakota well. To gather some additional information, we ran the drill stem test as we went down and did not decide to complete in the Mesa Verde until we ran the test. The Smith well tested some 2800 MCF. The Brown had tested 1900 MCF on drill stem test. When we came to some seven to seventy-five MCF it appeared foolish to pass it up.

Q Has the Brown well been drilled prior to one Palmer well?



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PHONE 325-1112

ALBUQUERQUE, N. M.
PHONE 243-6501

A Yes, and was in the completion stage.

Q So, the Brown and the Smith well had been completed prior to the Palmer well but the Hudson well was drilled after the Palmer well?

A The Smith had been completed; the Brown well was in the completion stage.

Q I see.

A The Hudson was drilled subsequent.

MR. MORRIS: I believe that's all; thank you.

EXAMINATION BY EXAMINER NUTTER:

Q That is a standard location for the Dakota?

A Correct.

EXAMINER NUTTER: Are there any other questions of Mr. Wiederkehr?

He may be excused.

(Witness excused)

EXAMINER NUTTER: Do you have anything further, Mr. Cooley?

MR. COOLEY: Nothing further other than to offer Exhibit 1.

EXAMINER NUTTER: Exhibit 1 will be admitted in evidence.

Does anyone have anything they wish to offer in Case No. 2414?

MR. COOLEY: I would like to incorporate the Notice of



of Intention to Drill on the Palmer No. 1, the original notice, to substantiate testimony that the well was initially staked and spotted as a Dakota test.

EXAMINER NUTTER: The Commission will take notice of this well file, Mr. Cooley.

MR. COOLEY: That's all we have.

EXAMINER NUTTER: The case will be taken under advisement.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1182

ALBUQUERQUE, N. M.
PHONE 243-6551


DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1182ALBUQUERQUE, N. M.
PHONE 243-6691

STATE OF NEW MEXICO)
) ss.
COUNTY OF SAN JUAN)

I, THOMAS F. HORNEY, NOTARY PUBLIC in and for the County of San Juan, State of New Mexico, do hereby certify that the foregoing and attached transcript of hearing was reported by me in stenotype and that the same was reduced to typewritten transcript under my personal supervision and contains a true and correct record of said proceedings, to the best of my knowledge, skill and ability.

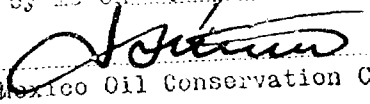
DATED this 20 day of November, 1961, in the City of Farmington, County of San Juan, State of New Mexico.


Notary Public

MY COMMISSION EXPIRES:

10 - 25 - 61

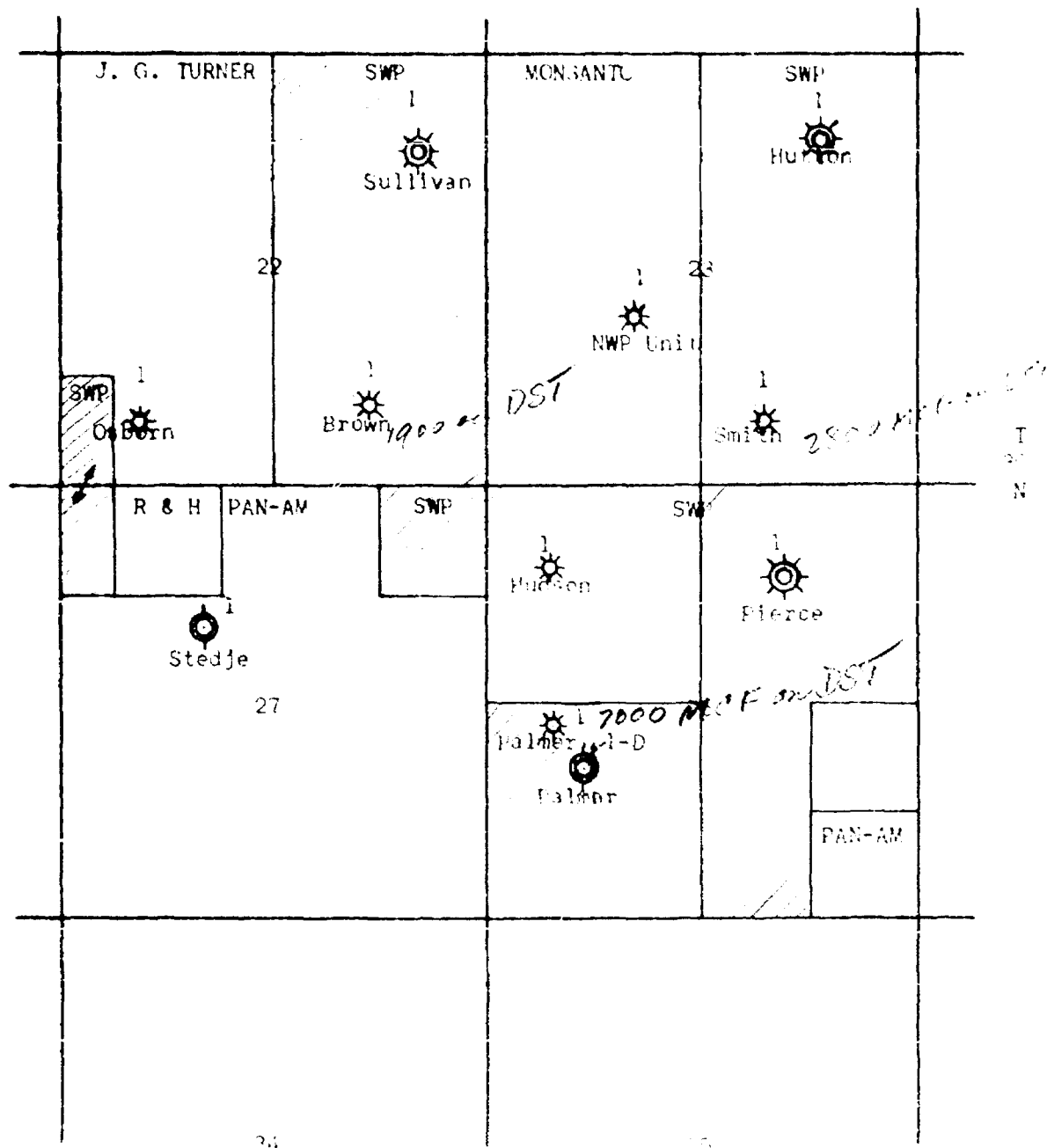
I do hereby certify that the foregoing is a complete record of the proceedings in the Executive Hearing of Case No. 2414, heard by me on 10/25, 1961.

, Examiner
New Mexico Oil Conservation Commission



SOUTHWEST PRODUCTION COMPANY

R 12 W



- ☼ Mesa Verde Well
- ☼ Dakota Well
- ☼ Drilling Well
- /// Southwest Production Co. Ownership

BEFORE EXAMINER NUTTER
 COMMISSION
 Sw. Prod.
 CASE NO. 2414