

CASE 3930: Application of PAN AM.
FOR A DUAL COMPLETION AND WATER
INJECTION, LEA COUNTY, N. MEX.

Case Number

3930

Application

Transcripts

Small Exhibits

ETC.

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SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

1120 SIMMS BLDG. • P. O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO



BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
November 12, 1968

IN THE MATTER OF:

Application of Pan American Petroleum
Corporation for a dual completion and
water injection, Lea County, New
Mexico.

) Case No. 3930
)
)
)
)
)
)

BEFORE: D. S. NUTTER

TRANSCRIPT OF HEARING

MR. NUTTER: Call Case 3930.

MR. HATCH: Application of Pan American Petroleum Corporation for a dual completion and water injection, Lea County, New Mexico.

MR. NUTTER: Let the record show we have a telegram of appearance by Atwood & Malone on your behalf.

MR. BUELL: I'm glad it made it, Mr. Examiner, this one slipped up on me. For Pan American Petroleum Corporation, Guy Buell, Mr. Examiner, and we have one witness for all three of our cases, Mr. Wells.

(Witness sworn.)

(Applicant's Exhibits 1 and 2
marked for identification.)

MR. BUELL: May it please the Examiner, this is a rather unique application insofar as my experience is concerned, and it might help if I would give a brief opening statement. This is our application for a dual completion. One of the completions will be a gas producer from the Jalmat Gas Pool which Pan American will operate. The other completion will be a water injection interval in the Langlie-Mattix Oil Pool which Continental as operator of the Langlie Jack Unit, will operate. Our Hobbs office got a little confused, they thought that Continental, at their waterflood hearing, had covered the dual aspects of this case, which they did not. We are here

today to more or less back clean up, and get this unusual dual completion finally approved by the Commission.

MR. NUTTER: They took care of their half of the well?

MR. BUELL: They surely did.

* * * * *

WILLIAM C. WELLS, JR., called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. BUELL:

Q Mr. Wells, would you state your complete name, by whom you are employed and what capacity and what location?

A Yes; my name is William C. Wells, Junior,, employed by Pan American Petroleum Corporation, Fort Worth, Texas, Box 1410, as a Petroleum Engineer.

Q You have testified before this Commission before and your qualifications as a Petroleum Engineer are a matter of public record?

A Yes, sir.

Q In connection with this subject case, would you look first at what has been identified as Pan American's Exhibit 1. What is that exhibit?

A Exhibit No. 1 is a plat of the Langlie-Mattix, Langlie-Jack Unit area. The Langlie-Jack Unit, operated by

Continental, is outlined in red on the exhibit. Our proposed Jalmat Gas producer, Langlie-Mattix water injection well is designated by a red arrow and is located in Unit E of Section 21.

Q Let's clear up another little point of confusion. We refer to this well as what, as a Jalmat Gas producer?

A The Jalmat Gas producing zone in this well would be referred to as our Meyers "B", Federal A No. 4. The Langlie-Mattix water injection interval is Langlie-Jack Unit Well No. 10.

Q It is identified as the Langlie-Jack Unit No. 10 well on your Exhibit 1?

A Yes.

Q Why is this an unconventional dual and why is a hearing required?

A As you mentioned earlier, water is being injected below a packer into the Langlie-Mattix interval. Pan American will produce gas from the Jalmat interval above, which is unconventional under Statewide Rules.

MR. NUTTER: What did you say the producing zone would be referred to as?

A The Meyers "B" Federal A Well No. 4.

MR. NUTTER: I thought you said Meyers A No. 1; it's

the Meyers "B" No. 4?

A Yes.

MR. BUELL: Meyers "B" Federal A No. 4.

MR. NUTTER: Meyers "B" Federal A No. 4.

THE WITNESS: Located in Unit E.

MR. BUELL: Located in Unit E.

Q (By Mr. Buell) Let's look now at what has been identified as our Exhibit No. 2, Mr. Wells, what is that exhibit?

A Exhibit No. 2 is a mechanical sketch of this well, showing the Jalmat Gas Producing perforations over the interval from 2950 to 3,090. We also show the Langlie-Mattix open hole interval from approximately, well from 3295 to a total depth of 3682. There's a shot hole interval of 3470 to 3680 here.

Q Through what string will water be injected into the Langlie-Mattix by the unit operator, Continental?

A Water will be injected by 2 and 3/8ths-inch cement lined tubing set in a packer at about 3200 feet. They will have a fiberglass tail pipe hung below there to 3625.

Q Through what string of tubing will we produce our Jalmat gas?

A We will produce out the tubing casing annulus our

Jalmat gas. We have shown here one-quarter inch string of cobe tubing which will be used as a swab string. We have had some water problems.

Q Do you feel that there is any fear of a tubing leak since Continental will be injecting through cement-lined tubing?

A No, sir, I don't.

Q In the event, in the unlikely event that there should be a tubing lead, where would that water go?

A If it was above the packer, we would see it in the Jalmat gas zone and we would know immediately.

Q So corrective action could be taken?

A Right.

Q And if it was below the packer it would go in the Langlie-Mattix oil pool?

A Yes.

Q Do you feel that approval of this application for dual completion authority will serve conservation and protect the correlative rights of the owners of interest in the Jalmat Gas Pool as well as the Langlie-Mattix Oil Pool?

A Yes, sir, I do.

MR. BUELL: May it please the Examiner, that's all we have by way of direct. I would like to formally offer into

evidence Exhibits 1 and 2, inclusive.

MR. NUTTER: Pan American's Exhibits 1 and 2
will be admitted.

(Whereupon, Applicant's Exhibits
1 and 2 offered and admitted in
evidence.)

MR. NUTTER: Does anyone have any questions? The
witness will be excused.

(Witness excused.)

MR. NUTTER: Do you have anything further, Mr.
Buell?

MR. BUELL: Nothing further.

MR. NUTTER: Does anyone have anything further to
offer? We will take the case under advisement.

I N D E X

WITNESS	PAGE	
WILLIAM C. WELLS, JR.		
Direct Examination by Mr. Buell	3	
EXHIBITS	MARKED	OFFERED AND ADMITTED
Applicant's 1 and 2	2	7

STATE OF NEW MEXICO)
) ss
 COUNTY OF BERNALILLO)

I, ADA DEARNLEY, Court Reporter in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Proceedings before the New Mexico Oil Conservation Commission was reported by me, and that the same is a true and correct record to the best of my knowledge, skill and ability.

WITNESS my hand this 25th day of November, 1968.

Ada Dearnley
 ADA DEARNLEY

I do hereby certify that the foregoing is
 a complete record of the proceedings in
 the Examiner hearing of Case No. 3930
 heard by me on 11/12, 1968.

James
 Examiner
 New Mexico Oil Conservation Commission

State of New Mexico
Oil Conservation Commission



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

Re: Case No. 3930
Order No. R-3574
Applicant:
Pan American Petroleum Corp.

A. L. PORTER, Jr.
Secretary-Director

Hobbs OCC x
 Artesia OCC _____
 Aztec OCC _____
 Other _____

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. 3930
Order No. R-3574

APPLICATION OF PAN AMERICAN PETROLEUM
CORPORATION FOR A DUAL COMPLETION AND
WATER INJECTION, LEA COUNTY, NEW
MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 12, 1968, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 19th day of November, 1968, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, 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, Pan American Petroleum Corporation, seeks authority to dually complete its Meyers "B" Federal "A" Well No. 4, located in Unit E of Section 21, Township 24 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner as to permit the production of gas from the Jalmat Gas Pool in the perforated interval from approximately 2950 feet to 3090 feet through the casing-tubing annulus, and to permit the injection of water for secondary recovery purposes into the Seven Rivers and Queen formations, Langlie-Mattix Pool, in the open-hole interval from approximately 3295 feet to 3650 feet through 2 3/8-inch tubing, with separation of the zones by a packer set at approximately 3200 feet.

(3) That the subject well has been previously authorized as a water injection well in the Continental Langlie Jack Waterflood Project by Order No. R-3269, dated July 10, 1967.

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CASE No. 3930
Order No. R-3574

(4) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.

(5) That approval of the proposed dual completion will prevent the drilling of unnecessary wells, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Pan American Petroleum Corporation, is hereby authorized to dually complete its Meyers "B" Federal "A" Well No. 4, located in Unit E of Section 21, Township 24 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner as to permit the production of gas from the Jalmat Gas Pool in the perforated interval from approximately 2950 feet to 3090 feet through the casing-tubing annulus, and to permit the injection of water for secondary recovery purposes into the Seven Rivers and Queen formations, Langlie-Mattix Pool, in the open-hole interval from approximately 3295 feet to 3650 feet through 2 3/8-inch tubing, with separation of the zones by a packer set at approximately 3200 feet.

(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


DAVID E. CARGO, Chairman

GUYTON B. HAYS, Member

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

esr/

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION

TELEGRAM

W. P. MARSHALL
CHAIRMAN OF THE BOARD

R. W. McFALL
PRESIDENT

SYMBOLS

DL=Day Letter
NL=Night Letter
LT=International Letter Telegram

The filing time shown in the date line on domestic telegrams is LOCAL TIME at point of origin. Time of receipt is LOCAL TIME at point of destination.

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(L RWA006) PD=ROSWELL NMEX 11 1010A MST 1968 NOV 11 AM 10 22

PA L PORTER JR=

28 8 HV 21 NOV 68 OIL CONSERVATION COMMISSION STATE LAND OFFICE BLDG :
SANTA FE NMEX=

THE UNDERSIGNED HEREBY ENTER THEIR APPEARANCE WITH GUY BUELL AND GORDON RYAN OF FT WORTH TEXAS FOR THE APPLICANT PAN AMERICAN PETROLEUM CORP IN CASES NUMBER 3930 3931 AND 3932 ON THE EXAMINER'S DOCKET FOR TUESDAY NOVEMBER 12, 1968.

CHARLES F MALONE FOR ATWOOD AND MALONE ROSWELL
NEW MEXICO=

DOCKET: EXAMINER HEARING - TUESDAY - NOVEMBER 12, 1968

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, Alternate Examiner:

CASE 3927: Application of Gulf Oil Corporation for an unorthodox oil well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill a producing oil well at an unorthodox location 5 feet from the North line and 1,315 feet from the West line of Section 33, Township 19 South, Range 35 East, as an infill well in the West Pearl Queen Unit Waterflood Project, Pearl-Queen Pool, Lea County, New Mexico.

CASE 3928: Application of Jake L. Hamon for the creation of a new oil pool and for special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Devonian oil pool for its State "K-33" Well No. 1 located 1980 feet from the South and West lines of Section 30, Township 16 South, Range 36 East, Lea County, New Mexico, and for the promulgation of special rules therefor including a provision for 80-acre proration units.

CASE 3929: Application of Leonard Latch for three waterflood projects, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute three waterflood projects by the injection of water into the Yates formation through five wells on his Saunders A, B, and Travis leases located in Sections 12 and 13 of Township 17 South, Range 27 East, Empire (Yates-Seven Rivers) Pool, Eddy County, New Mexico.

CASE 3930: Application of Pan American Petroleum Corporation for a dual completion and water injection, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dually complete its Meyers "B" Federal Well No. 4 located in Unit E of Section 21, Township 24 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of gas from the perforated interval 2950 feet to 3090 feet, Jalmat Gas Pool, and the injection of water for secondary recovery purposes into the Seven Rivers-Queen formations, Langlie-Mattix Pool, in the open-hole interval from 3295 feet to 3650 feet through parallel strings of tubing.

CASE 3931: Application of Pan American Petroleum Corporation for salt water disposal, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the San Andres formation in the interval from 4239 feet to 4389 feet in its Farrell Federal Well No. 10 located in Unit F of Section 28, Township 7 South, Range 33 East, and in

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Examiner Hearing
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Docket No. 33-68

(Case 3931 continued)

the interval from 4402 to 4422 feet in its State "DF" Well No. 1 located in Unit I of Section 25, Township 7 South, Range 33 East, Chaveroo-San Andres Pool, Roosevelt County, New Mexico.

CASE 3932: Application of Pan American Petroleum Corporation for down-hole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle production from the Justis-Blinebry and Justis-Fusselman Pools in the wellbore of its State "AJ" Well No. 6 located in Unit M of Section 30, Township 25 South, Range 38 East, Lea County, New Mexico, with the provision that no more than one single allowable will be produced from said well.

CASE 3933: Application of Texaco, Inc., for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a pilot waterflood project by the injection of water into the Drinkard formation through its C. H. Lockhart Federal NCT Well No. 3 located in Unit P of Section 18, Township 22 South, Range 38 East, Drinkard Pool, Lea County, New Mexico. Applicant further seeks a procedure whereby said project may be expanded administratively without a showing of a well response.

CASE 3934: Application of Texaco Inc., for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project by the injection of water into the Drinkard formation through the Drinkard string of its multiple completed (tubingless) V. M. Henderson Well No. 8 located in Unit E of Section 30, Township 21 South, Range 37 East, Drinkard Pool, Lea County, New Mexico.

CASE 3935: Application of Sinclair Oil Corporation for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a pilot waterflood project by injection of water into the Yates and Seven Rivers formations through its B Davis Well No. 1 located 330 feet from the South and West lines of Section 34, Township 23 South, Range 36 East, Jalmat Pool, Lea County, New Mexico.

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Docket No. 33-68

CASE 3936:

Application of Tenneco Oil Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Yates and Seven Rivers formations in the perforated interval from approximately 2920 feet to 3134 feet in its E. J. Wells Well No. 2 located in Unit G of Section 12, Township 25 South, Range 36 East, Jalmat Pool, Lea County, New Mexico.

CASE 3937:

Application of Anadarko Production Company for an amendment to Order No. R-2977, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Order No. R-2977, as corrected by Order No. R-2977-A, which authorized a cooperative waterflood project in the Square Lake Pool, Eddy County, New Mexico, to delete the water injection well previously authorized to be drilled 2630 feet from the South line and 2650 feet from the East line of Section 31, Township 16 South, Range 31 East, and to authorize for water injection its Grier Federal Well No. 6 located 1980 feet from the South and East lines of said Section 31.

CASE 3938:

Application of Aztec Oil & Gas Company for compulsory pooling and a non-standard proration unit, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pictured Cliffs formation underlying Lots 6, 7, NE/4 SW/4, and SE/4 SW/4 of Section 6, Township 29 North, Range 10 West, Aztec-Pictured Cliffs Gas Pool, San Juan County, New Mexico. Said non-standard unit to be dedicated to a well to be drilled 1830 feet from the South line and 1530 feet from the West line of said Section 6. Also to be considered will be the costs of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well.

CASE 3939:

Application of Aztec Oil & Gas Company for four unorthodox gas well locations, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval of unorthodox Blanco-Mesaverde Gas Pool locations for four wells located as follows:

SAN JUAN COUNTY, NEW MEXICO

Township 30 North, Range 11 West

Hampton Well No. 4 - 1,140 feet from the West line
and 970 feet from the North line
of Section 13

November 12, 1968

Examiner Hearing

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Docket No. 33-68

(Case 3939 continued)

Township 31 North, Range 12 West

Richardson Well No. 7 - 1,584 feet from the East line
and 1,621 feet from the South line
of Section 15

East Well No. 10 1,770 feet from the North line
and 790 feet from the West line of
Section 26

East Well No. 8 790 feet from the South and East
lines of Section 26.

CASE 3940: Application of Shell Oil Company for an amendment to Order No. R-2808, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Order No. R-2808 to permit the dedication of a non-standard proration unit authorized therein to its Livingston Wells Nos. 7 and 2 located in Units V and W, respectively, of Section 3, Township 21 South, Range 37 East, Tubb Gas Pool, Lea County, New Mexico. Applicant further seeks authority to produce the allowable assigned to said unit from either of the aforesaid wells in any proportion.

CASE 3941: Application of Agua, Inc., for salt water disposal, Eddy County, New Mexico. Applicant, in the above-styled cause, proposes to dispose of produced salt water into the San Andres formation in the open-hole interval between the casing shoe set at 2050 feet and a cement plug at 5400 feet after cleaning out and acidizing the well between 2050 feet and 3600 feet in its Empire-Abo SWD Well No. 01, formerly the Humble Federal Empire-Abo Well No. 3, located in Unit O of Section 1, Township 18 South, Range 27 East, Empire-Abo Field, Eddy County, New Mexico.

CASE 3942: Application of Cities Service Oil Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Yates and Seven Rivers formations in the perforated interval from approximately 3790 feet to 3834 feet in its Closson "B" Well No. 18 located in Unit M of Section 19, Township 22 South, Range 36 East, Jalmat Pool, Lea County, New Mexico.

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- CASE 3943: Application of Continental Oil Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dually complete its Lynn A-28 Well No. 5, located in Unit A of Section 28, Township 23 South, Range 36 East, Lea County, New Mexico, in such a manner as to produce gas from the Yates formation of the Jalmat Gas Pool through the casing-tubing annulus and to dispose of produced salt water through tubing into the Seven Rivers formation of said pool in the interval from 3340 to 3374 feet.
- CASE 3944: Application of Sun Oil Company for a pressure maintenance project, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a pressure maintenance project in its James McFarland Lease by the injection of water into the San Andres formation through its James McFarland Well No. 4 located in the NW/4 SW/4 of Section 20, Township 7 South, Range 33 East, Chaveroo-San Andres Pool, Roosevelt County, New Mexico. Applicant further seeks the promulgation of special rules to govern operation of said pressure maintenance project.
- CASE 3945: Application of Mobil Oil Corporation for lease commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle Vacuum Grayburg-San Andres production from its State "G" lease comprising the W/2 NE/4 and SE/4 NE/4 of Section 24, Township 17 South, Range 34 East, Lea County, New Mexico, with Vacuum Grayburg-San Andres production from that portion of its Bridges State lease comprising the W/2 of said Section 24, allocating the production to each lease on the basis of monthly well tests.

Case 3930

OIL CONSERVATION COMMISSION
I DISTRICT

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

DATE Oct. 7, 1968
Re: Proposed NSP _____
Proposed Triple _____
Proposed NSL _____
Proposed NFO _____
Proposed DC X

Gentlemen:

I have examined the application dated 10/4/68
for the Pan American Pet. Corp. Meyers B Fed. RA/A #4
Continental Oil Co. Langlie Jack Unit #10 21-24-37
Operator Lease and Well No. S-T-R

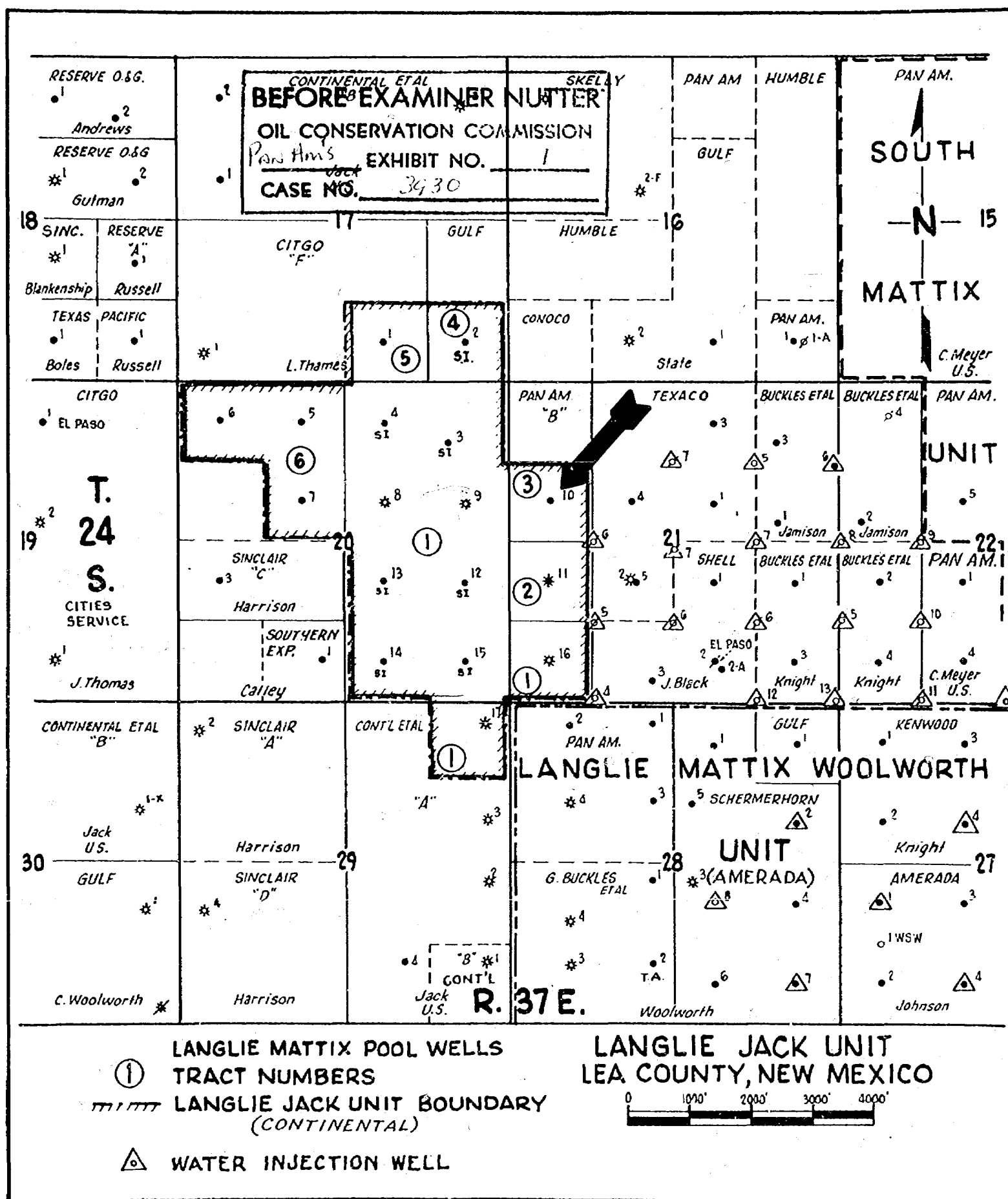
and my recommendations are as follows:

- O.K.---J.D.R.
- O.K.---J.W.R.
- _____
- _____
- _____

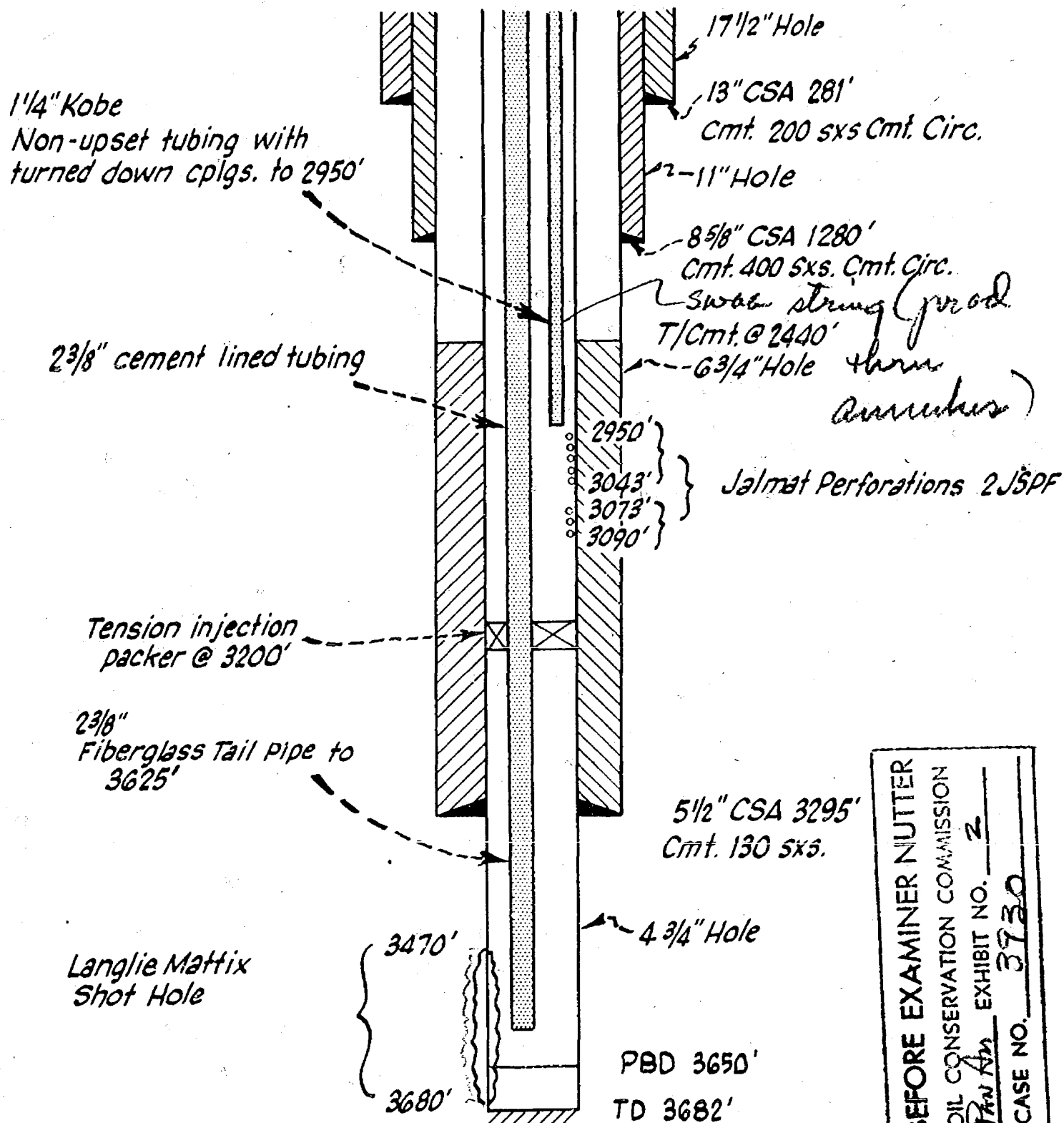
Yours very truly,

Joe D. Ramey (JDR)

69 OCT 11 AM 8 2

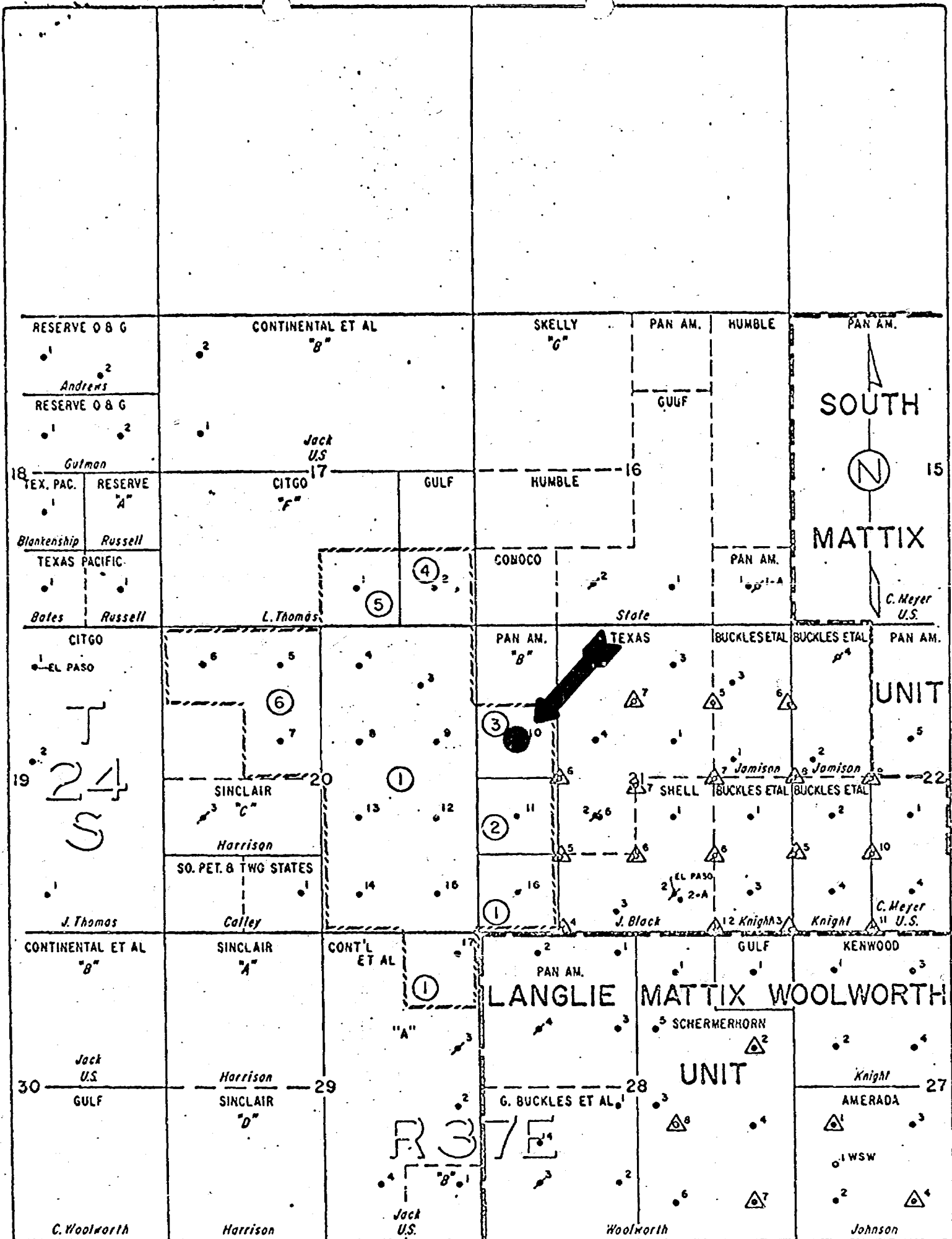


**DIAGRAMMATIC SKETCH OF MULTIPLE COMPLETION
PANAMERICAN *Myers "B" Fed. "A" No. 4*
(LANGLIE JACK UNIT NO.10)
JALMAT GAS - LANGLEIE MATTIX WATERFLOOD INJECTION**



BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
Pan Am EXHIBIT NO. 2
CASE NO. 3730

Set for
hearing
- as a dual -



LANGLIE MATTIX POOL WELLS

① TRACT NUMBERS

--- LANGLIE JACK UNIT BOUNDARY

CONTINENTAL OIL COMPANY	
PRODUCTION DEPARTMENT—HOBSBS DIVISION	
LANGLIE JACK UNIT	
Lea County, New Mexico	
SCALE	
0 1000 2000	
8LJ	

Case 3930

Exhibit A

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

Set for hearing
Case 3930

Operator	1. Pan American Petroleum Corporation 2. Continental Oil Company	County	Lea	Date	10-3-68
Address	1. P. O. Box 68, Hobbs, N.M. 88240 2. P. O. Box 460, Hobbs, N.M. 88240	Lease	1. Myers "B" Fed R/A A 2. Langlie Jack Unit	Well No.	4 10
Location of Well	Unit E	Section 21	Township 24-S	Range	37-E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO ☐

2. If answer is yes, identify one such instance: Order No. DC-367; Operator Lease, and Well No.: Pan American Petroleum Corporation, Myers "B" Federal Well No. 13 DC-367

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Jalmat-Tansill-7R's		Langlie Mattix-Queen
b. Top and Bottom of Pay Section (Perforations)	2950-3090		3295-3650 (Open Hole)
c. Type of production (Oil or Gas)	Gas		Input - Oil
d. Method of Production (Flowing or Artificial Lift)	Flowing		Non-Producing

4. The following are attached. (Please check YES or NO)

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
<input checked="" type="checkbox"/>	<input type="checkbox"/>	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Texaco, Inc., Box 728, Hobbs, New Mexico 88240

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐. If answer is yes, give date of such notification 10-3-68.

CERTIFICATE: I, the undersigned, state that I am the Area Superintendent of the Pan American Petroleum Corporation, and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

cc: N. S. Whitmore
Conoco
Susp.
RRY

DOCKET MAILED

Date 11-1-68

Signature

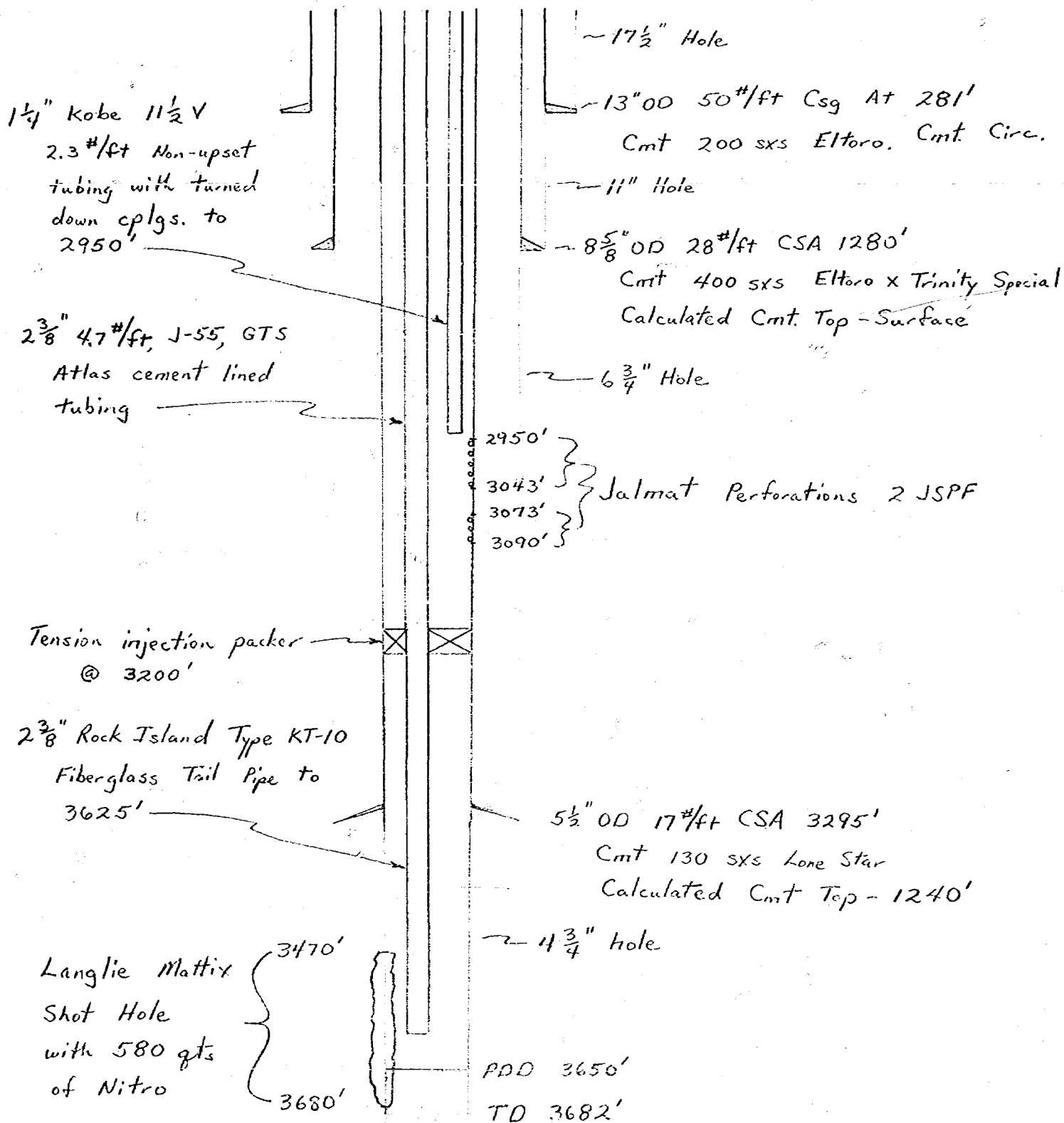
*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

Diagrammatic Sketch of Multiple Completion

Pan American Myers "B" Fed No. 4 (Langlie Jack Unit No. 10)

Jalmat Gas - Langlie Mattix Waterflood Injection



Core 3930

PAN AMERICAN PETROLEUM CORPORATION
BOX 68, HOBBS, N. M. 88240

FS 10-2-68

DRAFT

GMH/esr

[Handwritten signature]

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:

[Handwritten signature]

CASE No. 3930

Order No. R- 3574

APPLICATION OF PAN AMERICAN PETROLEUM
CORPORATION FOR A DUAL COMPLETION AND
WATER INJECTION, LEA COUNTY, NEW
MEXICO.

[Handwritten signature]

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 12, 1968, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this _____ day of November, 1968, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, 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, Pan American Petroleum Corporation, seeks authority to dually complete its Meyers "B" Federal ^{"A"} Well No. 4, located in Unit E of Section 21, Township 24 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner as to permit the production of gas from the Jalmat Gas Pool ⁱⁿ from the perforated interval from approximately 2950 feet to 3090 feet through ^{the casing-tubing annulus} ~~_____~~ inch tubing, and to permit the injection of water for secondary recovery purposes into the Seven Rivers ^{and} Queen formations, Langlie-Mattix Pool, in the open-hole interval from approximately 3295 feet to 3650 feet through a ~~parallel~~ string of 2 3/8 inch tubing, with separation of the zones by a packer set at approximately 3200 feet.

(3) ~~That Order No. R-3269, dated July 10, 1967,~~
~~authorizing the subject well as a water injection~~
~~well in the Continental Langlie Jack waterflood Project by Order~~
~~No. R-3269, dated July 10, 1967.~~

(14) (3) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.

(5) (4) That approval of the proposed dual completion will prevent the drilling of unnecessary wells, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Pan American Petroleum Corporation, is hereby authorized to dually complete its Meyers "B" Federal "A" Well No. 4, located in Unit E of Section 21, Township 24 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner as to permit the production of gas from the Jalmat Gas Pool ~~from~~ the perforated interval from approximately 2950 feet to 3090 feet through ~~the casing-tubing annulus~~ inch tubing, and to permit the injection of water for secondary recovery purposes into the Seven Rivers ~~and~~ Queen formations, Langlie-Mattix Pool, in the open-hole interval from approximately 3295 feet to 3650 feet through ~~a parallel string~~ of 2 7/8 -inch tubing, with separation of the zones by a packer set at approximately 3200 feet.

(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.