CASE 2103: Application of GULF for an oil-oil dual of its Vinson-Ramsay "B" Well No. 6 - Lea County, N.M.

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RSM/esr October 19

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. 2103 Order No. R- 180

APPLICATION OF GULF OIL CORPORATION FOR AN OIL-OIL DUAL COMPLETION IN THE JUSTIS-BLINEBRY FOOL AND IN AN UNDESIGNATED TUBB POOL, LEA COUNTY, NEW MEXICO, UTILIZING PARALLEL STRINGS OF SMALL DIAMETER TUBING.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on October 19, 1960, at Santa Fe, New Mexico, before <u>Daniel S. Nutter</u>, 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 ______ day of October , 1960, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, <u>Daniel S</u>. <u>Nutter</u>, 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, Gulf Oil Corporation, is the owner and operator of the Vinson-Ramsay "B" Well No. 6, located in Unit K, Section 36, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) That the applicant proposes to dually complete the abovedescribed Vinson-Ramsay "B" Well No. 6 in such a manner as to permit the production of oil from the Justis-Blinebry Pool and the production of oil from an undesignated Tubb pool through parallel strings of 1 1/2-inch integral joint tubing installed within a string of 5 1/2-inch casing set at approximately 5797 feet.

(4) That inasmuch as the use of 1 1/2-inch tubing is practicable in this particular installation, the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.

-2-CASE No. 2103

(5) That approval of the subject application will neither cause waste nor impair correlative rights.

IT IS THEREFORE ORDERED:

That the applicant, Gulf Oil Corporation, be and the same is hereby authorized to dually complete its Vinson-Ramsay "B" Well No. 6, located in Unit K, Section 36, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner as to permit the production of oil from the Justis-Blinebry Pool and the production of oil from an undesignated Tubb pool through parallel strings of 1 1/2-inch integral joint tubing installed within a string of 5 1/2-inch casing set at approximately 5797 feet.

<u>PROVIDED HOWEVER</u>, That the applicant shall complete, operate, and produce said well in accordance with the provisions of Section V, Rule <u>112-A</u>.

PROVIDED FURTHER, That the applicant shall take packerleakage tests upon completion and annually thereafter during the Gas-Oil Ratio Test Period for the Justis-Blinebry Pool, or as required by the Secretary-Director of the Commission.

IT IS FURTHER ORDERED:

That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste and/or the protection of correlative rights; upon failure of the applicant to comply with any requirement of this order, the Commission may terminate the authority herein granted and require the applicant or its successors and assigns to limit its activities to regular single-zone production in the interest of conservation.

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

OIL CONSERVATION COMMISSION P. O. BOX 871 SANTA FE, NEW MEXICO

JN 10 .100 943 (1) Je - 443

September 20, 1960

Gulf Gil Corporation P. O. Box 2167 Hobbs, New Mexico

Attention: Mr. W. W. Whitaker

Re: Application for Dual Completion of your Vinson-Ramsay "B" Well No. 6, Unit K-Section 36, Township 25 South, Range 37 East

Gentlemen:

The following pertinent data was omitted from the diagrammatic sketch accompanying the subject application:

> Size and setting depth of tubing Top of cement outside $5\frac{1}{2}$ " casing

The above information is requested so that the application can be processed administratively when the 20-day waiting period ends on October 9, 1960.

Very truly yours,

J. E. KAPTEINA Engineer

JEK/og

	NEW MEXICO OIL CONSERVAT SANTA FE, NEW MEXI CAPPA CATION FOR DUAL	
Field Name		Date
Justis	M e: 27 County	Isa 1980 50 159-40-60
Operator 1960 SEP 1.	Lease	Well No. 10 VS
Gulf Oil Corporation		Range
Location Unit S	Section Township 36	255 37E
		ual completion of a well in these same pools or in th
zones within one mile of the subject w	well? YES X NO	
2. If answer is yes, identify one such ins	stance: Order No. DC-966 ;	Operator, Lease, and Well No.: 5 - 37
Gulf 011 Corporation	- Vinson-Ramsay "B" No. 7	North SE/1 36- 4
3. The following facts are submitted:		11, 1 MM Lower Zone
an an tha an agus sa tha an	Upper Zone	
o. Name of reservoir	√ Justis-Blinebry	Justis-Tubb
b. Top and Bottom of		
Pay Section	53591-54931	Open Hole 5800 -5830
(Perforations) c. Type of production (Oil or Gas)	011	
d. Method of Production		
(Flowing or Artificial Lift)	Flowing	Flowing
4. The following are attached. (Please n	natk YES of NU	
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LEADE PLAT VINGON-RAMSAY (NCT-B)

LEA COUNTY, NEW MEXICO

- LEGEND -

[.....] Pertinent Gulf Lease

• Fertinent Gulf Well

GULF OIL CORPORATION

GULF PETROFERMING CORPORATION GULF OIL PCORPORATION P. d. Box 766 29 Kernit, Texas Multimeter 27, 1960 Multimeter 27, 1960 Que 2103 FORT WORTH PRODUCTION DIVISION Oil Conservation Commission P. O. Box 871 Santa Fe, New Mexico Attention: Mr. J. E. Kapteina Application for Dual Re: Completion on Gulf's Vinson-Ramsay "B" Well No. 6, Unit K, Section 36, Township 25 South, Range 37 East Gentlemen: In reference to your letter dated September 20, 1960, we are submitting diagrammatic sketches with pertinent data that were omitted from the original subject application. Yours very truly, J. L. Pike Area Production Manager JCJ:mp Attachment All 10-5-60

Qane 2103

HARRAN AND A CARDON AND A CARDON

HAR OFFICE OCC OIL CONSERVATION COMMISSION

1990年1月 All 61 21 BOX 2045

HOBBS, NEW MEXICO

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Gentlemen: 9/16/60 I have examined the application dated____ for the <u>Gulf Oil Corp. Vinson Ramsay</u> "B" #6-K Operator Lease and Well No. 36-25-37 S-T-R

W. L. Harden and Market Strate and Stra

and my recommendations are as follows:

0.K.---E.F.E.

Tubb completion in main Tubb pay-Both geologically O.K.---J.W.R.

Yours very truly,

OIL CONSERVATION COMMISSION

GOVERNOR JOHN BURROUGHS CHAIRMAN

State of New Mexico Bil Conservation Commission



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

· 法主义公司 - 公司的副前的问题

Treasury and the second second

P. O. BOX 871 SANTA FE

October 24, 1950

Re:

2103 Case No. Order No. R-1802

Applicant:

Mr. Bill Kastler Gulf Oil Corporation Box 669 Roswell, New Mexico

Gulf Oil Corporation

Dear Sir:

LAND COMMISSIONER

MURRAY E. MORGAN MEMBER

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

Very truly yours,

A, L. PORTER, Jr., Secretary-Director

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1.

Carbon copy of order also sent to:

Hobbs OCC Artesia OCC Aztec OCC

Other

31-60

st

DOCKET: EXAMINER HEARING, WEDNESDAY, OCTOBER 19, 1960

<u>Oil Conservation Commission - 9 a.m., Mabry Hall, State Capitol, Santa Fe, NM</u> The following cases will be heard before Daniel S. Nutter, Examiner, or Oliver E. Payne, Attorney, as Alternate Examiner:

CASE 2099:

Application of Continental Oil Company for an automatic custody transfer system. Applicant, in the above-styled cause, seeks an order authorizing the installation of an automatic custody transfer system to handle the Eunice Pool production from all wells presently completed or hercafter drilled on the Meyer B-4 Lease consisting of the E/2 and the E/2 W/2 of Section 4, Township 21 South, Range 36 East, Lea County, New Mexico.

CASE 2100:

Application of Continental Oil Company for an automatic custody transfer system. Applicant, in the above-styled cause, seeks an order authorizing the installation of an automatic custody transfer system to handle the Maljamar Paddock Pool production from all wells presently completed or hereafter drilled on the William Mitchell "A" Lease consisting of the N/2 of Sections 19 and 20, Township 17 South, Range 32 East, Lea County, New Mexico.

CASE 2101:

Application of Cities Service Oil Company for an order forcepooling all mineral interests in a standard 60-acre oil proration unit. Applicant, in the above-styled cause, seeks an order force-pooling all mineral interests within the vertical limits of the Southwest Gladiola-Devonian Pool in a standard 80-acre unit consisting of the S/2 SW/4 of Section 27, Township 12 South, Range 37 East, Lea County, New Mexico. The non-consenting royalty owners include B. F. Turner and wife, George C. Koch and Wife, Hugh O. Sears and wife, Harry J. Kaindl and wife, and Clark and Judge Properties, a partnership.

CASE 2102:

Application of Amerada Petroleum Corporation for permission to commingle the production from several separate pools and for an automatic custody transfer system. Applicant, in the abovestyled cause, seeks permission to commingle the Blinebry, Drinkard, and Fusselman production from all wells on its Ida Wimberley lease comprising portions of Sections 24, 25 and 26, Township 25 South, Range 37 East, Lea County, New Mexico. Applicant further seeks permission to install an automatic custody transfer system to handle said commingled production.

Docket No. 31-60 -2-CASE 2103: Application of Gulf Oil Corporation for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Vinson-Ramsay "B" Well No. 6, located in Unit K, Section 36, Township 25 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Justis-Blinebry Pool and the production of oil from an undesignated Tubb Pool through parallel strings of 1½-inch tubing. CASE 2104: Application of Shell Oil Company for permission to commingle the production from separate pools. Applicant, in the abovestyled cause, seeks permission to commingle the Drinkard Pool and Tubb Pool production from all wells located in Section 4, Township 22 South, Range 37 East, Lea County, New Mexico, after separately metering the production from the Tubb Pool only. Application of Shell Oil Company for permission to commingle CASE 2105: the production from two separate pools from several separate leases and for an automatic custody transfer system. Applicant, in the above-styled cause, seeks permission to commingle the Eunice and Eumont Pool production from all wells on four leases in Section 1, Township 21 South, Range 35 East, and Section 6, Township 21 South, Range 36 East, Lea County, New Mexico. Applicant further seeks authorization to install an automatic custody transfer system to handle said commingled production. Application of Texaco Inc. for an oil-oil dual completion. CASE 2106: Applicant, in the above-styled cause, seeks an order authorizing the dual completion of the State "BH" Well No. 3, located in Unit E, Section 11, Township 12 South, Range 32 East, Lea County, New Mexico, in such a manner as to permit the production of oil from an undesignated Wolfcamp Pool and the production of oil from an undesignated Pennsylvanian Pool through parallel strings of tubing. CASE 2107: Application of Pan American Petroleum Corporation for permist sion to commingle the production from two separate pools. Applicant, in the above-styled cause, seeks permission to commingle the Denton (Devonian) and Denton (Wolfcamp) Pool production from two wells on the W. H. Fort "A" lease comprising the E/2 of Section 25, Township 14 South, Range 37 East, Lea County, New Mexico, without separately metering the production from each pool.

Docket No. 31-60 -3-

CASE 2108:

CASE 2109:

Application of Chambers and Kennedy for an unorthodox oil well location. Applicant, in the above-styled cause, seeks approval of an unorthodox location for its Sinclair State Well No. 1 to be located in an undesignated Abo pool at a point 990 feet from the South line and 200 feet from the West line of Section 35, Township 17 South, Range 28 East, Eddy County, New Mexico.

Application of Jack S. Reaves for the establishment of a 52acre non-standard oil proration unit. Applicant, in the

above-styled cause, seeks an order establishing a 52-acre non-standard Delaware oil proration unit consisting of lots 3 and 4 of Section 36, Township 26 South, Range 28 East, Eddy County, New Mexico.

CASE 2110:

Application of Chambers and Kennedy for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Monterey State Well No. 3, located 660 feet from the North line and 1650 feet from the West line of Section 32, Township 18 South, Range 31 East, Eddy County, New Mexico, in such a manner as to permit the production of oil from an undesignated Yates oil pool and the production of oil from the North Shugart-Queen Grayburg Pool through parallel strings of 2-inch tubing.

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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. 2103 Order No. R-1802

> > WHEN PROPERTY AND THE P

APPLICATION OF GULF OIL CORPORATION FOR AN OIL-OIL DUAL COMPLETION IN THE JUSTIS-BLIMEBRY POOL AND IN AN UNDESIGNATED TUBB POOL, LEA COUNTY, NEW MEXICO, UTILIZING PARALLEL STRINGS OF SMALL DIAMETER TUBING.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on October 19, 1960, 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 24th day of October, 1960, 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 motion having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Gulf Oil Corporation, is the owner and operator of the Vinson-Ramsay "B" Well No. 6, located in Unit K, Section 36, Township 25 South, Range 37 Rast, MMPM, Les County, Mew Mexico.

(3) That the applicant proposes to dually complete the abovedescribed Vinson-Ramsay "B" Well No. 6 in such a manner as to permit the production of oil from the Justis-Blinebry Pool and the production of oil from an undesignated Tubb pool through parallel strings of 1 1/2-inch integral joint tubing installed within a string of 5 1/2-inch casing set at approximately 57 97 feet.

(4) That inasmuch as the use of $1 \frac{1}{2}$ -inch tubing is practicable in this particular installation, the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.

-2-CASE NO. 2103 Order No. R-1802

(5) That approval of the subject application will neither cause waste nor inpair correlative rights.

IT IS THEREFORE ORDERED:

That the applicant, Gulf Oil Corporation, be and the same is hereby authorized to dually complete its Vinson-Ramsay 'B" Well No. 6. located in Unit K, Sention 36, Totmchip 25 South, Ranga 37 East, NMPM, Lea County, New Mexico, in such a manner as to permit the production of oil from the Justis-Blinebry Pool and the production of oil from an undesignated Tubb pool through parallel strings of 1 L/2-inch integral joint tubing installed with a string of 5 L/2-inch casing set at approximately 5797 feet.

PROVIDED HOWEVER, That the applicant shall complete, operate, and produce said well in accordance with the provisions of Section V, Rule 112-A.

PROVIDED FURTHER, That the applicant shall take packerleakage tests upon completion and annually thereafter during the Gas-Oil Ratio Test Period for the Justis-Blinebry Pool, or as required by the Secretary-Director of the Commission.

IT IS FURTHER ORDERED:

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That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste and/or the protection of correlative rights; upon failure of the applicant to comply with any requirement of this order, the Commission may terminate the authority herein granted and require the applicant or its successors and assigns to limit its activities to regular single-zone production in the interest of conservation.

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

> STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

JOHN BURROUGHS, Chairman

22/ **n.u.a** MORGAN, Member MUHRAY E.

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



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Safety factor of 1.6 can be set (2) 7920. Applacinon 14 Jump can Aprilace 2-300 April allowable The 44 8PD Blinebry Pool Pool Cemented w/350 sax Cement circulated Tubb BEFORE EXAMINER NUTTER OIL CONSERVATION CLAMISSION 2 14 EXMISIT NO. 2 CASE NO. 2103 5359' Justie Blinebry GOR 740 Pool perfs 54931 1884 BHP 1-1/2" Integral Joint tbg w/pin collar @ 5523' Baker Model "D" Prod. Packer @ 5680' 1-1/2" Integral Joint thg Justis BI SOBOSE Gustis To- 5850520 w/pin collar @ 5760' Cemented w/1950 sax Top cement @ 2055' 5-1/2" osg @ 5797' gor 2070 Justis Tabb Pool Open Hole 5797' - 5830' BAP 2245 ert. deld in May 58 10. 5830' 10 questions Pol. deepened to Trible in Oct 60 Case No. 2103 Exhibit No. Z PROPOSED MECHANICAL INSTALLATION OIL-OIL DUAL COMPLETION VINSON RAMSAY "B" NO. 6 JUSTIS TUBB AND JUSTIS BLINEBRY POOLS LEA COUNTY, NEW MEXICO October 19, 1960 Gulf Oil Corp.

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BEFORE THE OIL CONSERVATION COMMISSION MABRY HALL Santa Fe, New Mexico October 19, 1960 EXAMINER HEARING IN THE MATTER OF: Application of Gulf Oil Corporation for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Case 2103 Authorizing the dual completion of its Vinson-Ramsay "B" Well No. 6, located in Unit K, Section 36, Township 25 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from an undesignated Tubb Pool through parallel strings of 12-inch tubing. BEFORE: Daniel S. Nutter, Examiner TRANSCRIPT OF HEARING MR. MORRIS: Application of Gulf Oil Corporation for an oil-oil dual completion. MR. KASTLER: Bill Kastler, from Roswell, New Mexico, appearing on behalf of Gulf Oil Corporation. Our witness in this case is Mr. J. C. Johnson. (Whereupon witness sworn.) J. C. JOHNSON called as a witness, having been first duly sworn on oath, testified as follows: DIRECT EXAMINATION BY MR. KASTLER: Q Will you state your name, by whom you are employed and what position and where you are employed.

A My name is J. C. Johnson. I'm employed by Gulf Oil

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ALBUQUERQUE, NEW MEXICO

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Inc.

REPORTING SERVICE,

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Corporation as a Petroleum Engineer at Kermit, Texas. Q Have you previously appeared as a witness before the New Mexico Oil Conservation Commission?

A No.

PHONE CH 3-6691

Inc.

DEARNLEY-MEIER REPORTING SERVICE,

ALBUQUERQUE, NEW MEXICO

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Q Would you then please outline your educational background and any degrees you might have obtained.

A I graduated from Oklahoma State University in 1956, received a degree of B.S. in Chemical Engineering, Petroleum option.

Q After receiving your degree, what experience have you had?

A I worked the most part as a Petroleum Engineer for Sinclair Oil Company and Gas Company in Nowata, Oklahoma, then served 6 months in the United States Army, then in September, 1957, started to work for Gulf Oil Corporation.

Q Since being employed by Gulf, have you at all times been employed as Production Engineer?

A That is correct.

Q And were you at all times employed either in West Texas or Southeast New Mexico.

A Yes, sir.

Q What are your present duties in connection with Southeast New Mexico.

A I do all the engineering work in our production engineering and designing work office, completion of wells and so forth.

Q Are you familiar with Gulf's Vinson-Ramsay Lease No. 6?

A Yes.

Q Vinson "B" Lease and Well No. 6?

A Yes, sir.



Wimberley lease, described as the W/2 of the Southwest Quarter, Section 24, the Northwest Quarter and the Southwest of the Northeast of Section 25 and the Northeast Northeast of Section 26, all in Township 25 South, Range 37 East, Lea County, New Mexico. This plat shows the location of all the wells on this lease and off-setting wells in the Justice Pools and Amerada Wimberley lease. We have two wells in the Langlie Mattix, three in the Blinebry, eight in the Drinkard and six in the Fusselman.

Q What zones are you proposing to commingle?

A The three zones we propose to commingle are the Blinebry, the Drinkard and the Fusselman.

Q Is the ownership of this lease common throughout, Mr. Snyder?

A Yes, sir.

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DEARNLEY-MEIER REPORTING SERVICE, Inc.

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Q The royalty ownership is common?

A Yes, sir.

Q It's a fee lease, is it not?

A Yes, sir.

Q No State or Federal Lands are involved here?

A No.

Q Are you familiar with the fluids from the different zones?

A Yes, sir; the fluids from these three zones are very similar. The gravities range from 35 through 37 on all of the zones. So there would be no either increase or decrease in the value of the liquids by commingling them.

Q Will the installation you propose reduce the weathering



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PAGE 3

of the fluids?

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DEARNLEY-MEIER REPORTING SERVICE, Inc.

ALBUQUERQUE, NEW MEXICO

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A It will reduce the weathering of the fluids.

Q To some extent enhance the value of the product.

A From that standpoint, it would.

MR. KELLAHIN: Would you have the diagram of the proposed installation marked as Exhibit No. 2?

(Whereupon Exhibit No. 2 was marked for identification.)

Q (By Mr. Kellahin) Referring to what has been marked as Exhibit No. 2, would you discuss that exhibit?

A This exhibit is simply a diagrammatic sketch of the proposed installation, showing the Blinebry, Drinkard and Fusselman zones coming through a header; each zone through its own separator and treater prior to metering the fluids from that zone and it all goes into the battery where it can run through an automatic unit to the pipeline. The facilities are also made for testing of each well in each zone and have separate separators and treaters and meters for the fluids in the zone so each well can be tested periodically.

Q What type of testing meters would you propose to use?

A These were positive displacement meters on the test.

Q What storage facilities would you have in this installa-

tion.

A 1500 barrels of storage.

Q Will the 1500 barrels storage be adequate for the maximum unattended period of time on this lease?

A Yes, sir; more than sufficient.

Q What will be the maximum unattended period?



			A 16 hours. Q Is there a switcher located on the lease?
			Q Is there a switcher located on A The house is about 300 yards from the battery. A The house is about 300 yards in this installation?
			Q is there a A The house is about 300 yards from the outer A The house is about 300 yards from the outer Q What safety features are included in this installation? Q What safety features are included in this installation?
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1997 - 1997 - 19			A The house included in this is Q What safety features are included in this is automatic A The normal safety feature BS & W monitor in the automatic A The normal safety feature BS at a to the pipe line, it
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Inc.		wil	I be used at the time this happens
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N			an the Fusselman
L		a	nd this one in turn shuts in all one tic shut-in
R		F	ar the top, a nd this switch in turn will shut in a motor ta usselman zone which in turn shuts in all the Fusselman wells.
PC -			the amount of
REPORTING SERVICE,	ļ	1	usselman zone we deemed it necessary to put in automathy The reason we deemed it necessary to put in automathy valves on the Fusselman wells was because of the amount of water valves on the Fusselman wells was because of the amount of water they make. We have sufficient storage to handle all the produc- they make. We have sufficient storage to more than 16 hours
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R		1	We have sure than 10
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5 F	I S		two zones?
	L z		two zones? A In the event it's shut in, we have a $l_{\overline{2}}^{1}$ day capacity
• · · · ·	DEALT		
			on the other two zenes. Q Whe is the purchaser from this lease?
		₹ ·	Q Whe is the purchase
		.	Q Where To A Texas-New Mexico Pipeline.
			A Texas-New Mexico Tipe Q Have they agreed to this installation?
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sir. A Yes,

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	MR. KELLAHIN: At this time, I would like to offer in
an a shekara <u>an an an an an an an an an</u> Tara	evidence Exhibits l and 2. state and the second sec
	MR, NUTTER: Amerada's Exhibits 1 and 2 will be entered
	in evidence.
n de la serie d Management de la serie de la Notation de la serie de la s	MR. KELLAHIN: That is all the questions I have.
LANCE C	CROSS EXAMINATION
Inc.	BY MR. NUTTER:
E E	Q Mr. Snyder, you said 1500 barrels of storage, is that
SERVICE	plus storage in the bad oil tank?
ER	A Yes, sir; 3 500 barrel tanks.
	Q So after the bad oil tank is full and the Fusselman
REPORTING	is shut in, you have less than 1500 barrels available storage.
RT	A Yes, sir; but, will be something less than a thousand
DO	barrels of storage after that is shut in.
RE	Q You stated you had $l\frac{1}{2}$ days capacity.
	A Yes, sir.
MEIE	Q In this, does that mean the 1500 barrels for the three
W/	c zones or does it mean in the something less than 1000 barrels
(JEX)	in the two zones?
DEARNI vew mexico	A Something less than for the two zones that are not
DEAR New Mexico	shut in.
	Q I see. What is the classification of the fluids that
ALBUQUERQU	are produced from these three zones, sweet, sour or intermediate
ALBUQ	or what?
	A I believe they would all be classified as sour crudes,
	yes, sir.
	MR. NUTTER: Any further questions of Mr. Snyder?

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(No response) MR. NUTTER: You may be excused. Do you have anything further, Mr. Kellahin? MR. KELLAHIN: That is all. DEARNLEY-MEIER REPORTING SERVICE, Inc. MR. NUTTER: Does anyone have anything further for Case 2102? (No response) MR. NUTTER: We will take the case under advisement and call Case 2103. *** ALBUQUERQUE, NEW MEXICO



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PAGE g STATE OF NEW MEXICO CUUNTY OF DEPNALTILO I, LEWELLYN NELSON, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the fore going and attached Transcript of Hearing was reported by me in PHONE CH 3-6691 Stenotype, and that the same was reduced to typewritten transcript under my personal supervision and contains a true and DEARNLEY-MEIER REPORTING SERVICE, Inc. correct record of said proceedings, to the best of my knowledge, skill and ability. DATED this 4th day of November, 1960, in the City of Albuquerque, County of Bernalillo, State of New Mexico. further J. Helson Notary Public 10 138 1.4 My Commission Expires: Į., 1.1 June 14, 1964. 1-1 1:3 I do hereby certify that the foregoing is a complete restrict of the proceedings in 13 114 ÷٩ ALBUQUERQUE, NEW MEXICO Examiner Į :¥ New Mexico Oil Conservation Commission . ₽:₩ 1 \$ i -11 1 1

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