Casa Mo.

262

Replication, Transcript,
5 mall Exhibits, Etc.

Case 262 - Byrd-Frost for designation as spacing rules for Largo Mesa Verde gas pool

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DEPORT THE OIL CONTRIVENTOR CONTRIBION The same of the sa

III THE EMPORE OF READ TO DAY THE BY M. OH COMPONITION OF A SHOP OF THE STATE OF THE SECTION POR THE PURPLES OF CHESTIER TO!

> CASE 170. 214 OWER IN. R-16

IN THE MATTER OF THE DEFENDATION AND OLASSIFICATION, UNICE PULE 5, OF MAN OIL AND OAS POOLS IN MORNAGEMENT REM MIXIOO, AND ALEMENT OF ORDER NO. R-13.
III CASE NO. 213 BY THE ADDED TO THE PHONER BASIN-KUTS OANTON ROOM, AS DEFINED TENSORS OF USET NAME SECTION 11, AND USES NAME OF USET, N. M. P. M.

OPEN OF THE OFFICERON

BY THE CONSTRUCTION.

This natter can in for hearing at Santa Fo, Now Ibrico, on largh 21, 1950, on motion of the Oll Concorvation Commission and the first and also of the lordingstorn that ibision learness our constitution and the Correlation having heard the evidence properted and having taken the notters under ad-

1. That it has jurisdiction of the case and the parties interested therein, due notice of hearing having been regularly given; and

- le That the extenter bandaries of poetions 3 and 4, T. 2711, R. 311, as matters 32 and 21, T. 2711, R. 311, he matters are dead and all of sections 33 and 34, T. 230, R. W. bo, and they hereby are declared named as a man man.
- be, and they are hereby added to and hereafter included within the boundaries classified in Order No. Red 3. Case No. 213. classified in, Order No. R-13, Case No. 213.
 - Die at Santa Fo, Now Morios with 27th day of April, 1950.

STATE OF THE PRINTED OFL COMPRIANTION CONTRACTOR

reseas J. thara, spatisas

LEGAL NOTICE

NOTICE OF PUBLICATION STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

COMMISSION

The State of New Mexico by its Oil Conservation Commission is 10 n hereby gives notice for mission law and the Rules Regulations of said Commission promulgated thereunder, of the following public hearing to be held March 20, 1951, beginning at 10:00 o'clock a.m. on that day in the City of Santa Fe, New Mexico, in the Council Chamber of the City Hall.

STATE OF NEW MEXICO TO:

All named parties in the fol-lowing cases and notice to the public:

Case 282

public:

Case 262

In the matter of the application of Byrd-Frost, Inc. for designation and spacing rules for a Mesa Verde gas pool to be known as Largo Mesa Verde gas pool, comprising:

T. 29 N, R. 8 W
Sections 1 to 36, inclusive
T. 28 N, R. 8 W
Sections 7 to 18, 20 to 28, and 34 to 36
T. 27 N, R. 8 W
Sections 1 to 4, and 9 to 12
T. 29 N, R. 7 W
Sections 17 to 20 and 28 to 34
T. 28 N, R. 7 W
Sections 7 to 10, 15 to 22, and 26 to 35
GIVEN under the seal of the Oil Conservation Commission of New Mexico, at Santa Fe, New Mexico, on February 21, 1951.

STATE OF NEW MEXICO OIL CONSERVATION COMMISSION
R. R. SPURRIER
(SEAL)

COMMISSION
R. R. SPURRIER
(SEAL) Secretary
Legal No. 234—Published in the
Farmington Daily Times, Farmington, N. M., Monday, Feb. 26,
1951.

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO COUNTY OF SAN JUAN ss.

	states: that he is the publisher-advertising manager of the Farmington Daily Times, a daily newspaper published, and of general paid circulation in San Juan County, New Mexico, said newspaper being the successor, without interruption, of the Farmington State, continuously and without interruption, for more than 26 weeks immediately prior to its succession by said daily paper; that said Farmington Times Hustler was, and the Farmington Daily Times is entered and mailed under the second class postal privilege in said County, that being the County in which the notice, of which that said notice was published in the Farmington Daily Times in the English language consecutive weeks on the following dates, to-wit: 1st Publication on the 26 day of Feb.
	3rd Publication on the
PUBLISHER'S BILL 50 lines one time @ 10; 5.00 lines @	4th Publication on the day of
For	commission expires: My Commission Public Notary Public Notary Public

February 22, 1951

The Farmington Times Hustler and Espanola Valley News

> RE: Notice of Publication Case 262

Gentlemen;

Please publish the enclosed notice one time immediately on receipt of this request. Please proofread the noticecarefully and send a copy of the paper carrying such notice to this office.

Upon completion of the publication, send publisher's affidavit in duplicate.

For payment, please submit statement in duplicate, and sign and return the enclosed voucher (do not fill in voucher).

PLEASE PUBLISHNOT LATER THAN MARCH 1, 1951.

Very truly yours,

Enc. - 2

Secretary and Director

NOTICE OF PUBLICATION STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder, of the following public hearing to be held March 20, 1951, beginning at 10:00 o'clock a.m. on that day in the City of Santa Fe, New Mexico, in the Council Chamber of the City Hall.

STATE OF NEW MEXICO TO:
All named parties in the following cases and notice to the public:

Case 262

In the matter of the application of Byrd-Frost, Inc. for designation and spacing rules for a Mesa Verde gas pool to be known as Largo Mesa Verde gas pool, comprising:

T. 29 N, R. 8 W Sections 1 to 36, inclusive

T. 28 N, R. 8 W Sections 7 to 18, 20 to 28, and 34 to 36

T. 27 N, R. 8 W Sections 1 to 4, and 9 to 12

T. 29 N, R. 7 W Sections 17 to 20 and 28 to 34

T. 28 N, R. 7 W Sections 7 to 10, 15 to 22, and 26 to 35

GIVEN under the seal of the Oil Conservation Commission of New Mexico, at Santa Fe, New Mexico, on February 21, 1951.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

SEAL

R. R. SPURRIER

Secretary

BEFORE THE OIL CONSERVATION COMMISSION STATE OF NEW MEXICO

(Case 262. This is a hearing to set out the limits of the pool and spacing for Mesa Verde production in the vicinity of Largo pool, San Juan County, N. M., generally in Townships 27 and 28 and 29 North, Ranges 7 and 8 West.)

(Came on for hearing following noon recess.)

CHAIRMAN SHEPARD: The next case is Case 262. Will you read, Mr. Graham, please?

(Reads notice of publication.)

CHAIRMAN SHEPARD: Is the applicant ready?

MR. GORDON: Yes, sir.

CHAIRMAN SHEPARD: 0. K.

MR. GORDON: My name is Joseph C. Gordon, representing Byrd-Frost Incorporated. In the area inclosed in this request Byrd-Frost Incorporated have completed 3 wells in the Mesa Verde. They are as follows: The Billie D. Day, located in the SW/4 of Section 17, T. 29N, R. 8W — excuse me a minute. I have 3 maps here that might help you locate those. The G. Ww Nickson No. 1 in the NE/4 of Sec. 33, T. 28N, R. 7W, and the H. E. Roeloffs No. 1 in the NE/4 of Sec. 22, T. 29N, R. 8W. We are currently completing J. F. Hughes No. 1 in the SW/4 of Sec. 19, T. 29N, R. 8W, and we are making locations—two locations—on the Allie V. Tapp. One would be in the NE/4 of Sec. 17, T. 28N, R. 8W. The other would be the SW/4 of Sec.

16, T. 28N, R. 8W. Now, I have discussed this matter with representatives of the Commission, and they say we are a little ambitious in covering such a large area without more development. The fact of the matter is it is probably 10 miles in a straight line from the Billie O. Day down to the Nickson well, which is over in 28N-7W. So we would like to request this. That if the Commission sees fit they would set up an area around the Billie D. Day and the Roeloffs wells, which are located in T. 29N, R. 8W. Set up an area around those wells and if the Hughes well is completed in the very near future, include that in the same area. And possibly designate that as North Largo. Then over here around our Nickson well in 28N-7W to set up what the Commission would designate as the probable proven area around the Nickson No. 1, and designate that as East Largo. I mention this -- there already has been an area designated as Largo which is around the Great Lakes Graham No. 1 well. It may be known as the Hearth. I am not sure. is south of what we would like to have deisngated as North Largo and west of what we would describe as East Largo. Eventually, the entire area may tie in together there, but to date it isn't proven. Now, our well spacing or pattern has been 320 acres to the well to the Mesa Verde, with locations in the alternate 320 acres in each section, which is the same pattern as has been put in effect in the Blanco field. Field rules I think should be discussed later, but the spacing I

think should be followed, 320 acres, with the provisions for communitizing the same as are customary, and conditions like that. One of these townships has some sections on the west side that are not full 640 acres. They are irregular. I believe that is about all that I can think of right now.

CHAIRMAN SHEPARD: Any questions?

MR. McCORMICK: How deep are these wells?

MR. GORDON: These wells are running about 56 or 5700 feet.

MR. McCORMICK: And what initial production on them?

MR. GORDON: The Billie D. Day is producing from both
the Cliff House and the lower formation. And the initial
potential on that is 4,800,000 feet per day. The Roeloffs
is producing from the lower formation and the Point Lookout
and the potential on it is 5,800,000 feet.

MR. McCORMICK: How much are you actually withdrawing from each well?

MR, GORDON: These wells are not connected to a pipe line at this time. They are awaiting a contract. The Nickson No. 1 over on the east side is producing from the Point Lookout and its potential is rated at 5,350,000 per day.

MR. McCORMICK: How is is producing from two different horizons. Have you got double perforations?

MR. GORDON: The one well that is open to two sections is the Billie D. Day. The first completion--and it is just open to both formations. The lower formation has been shot, but so far as I know the upper formation has not. Now, we are contemplating discussing among ourselves the feasibility and practicability of completing these wells with sealed casing opposite the Cliff House, going on down and setting casing on top of the Point Lookout. Complete with cable tools in the Foint Lookout and possibly set a liner or packer between the two, and eat the casing out with chemical, acid, and shoot it, and make a separate completion in that. And then possible use a packer and produce the two horizons separately by means of a packer. We haven't asked for approval on that because we do not know what the formation pressure is going to be in the Cliff House. We have only completed one well in the Cliff House and the lower formation. And we need more experience in the

MR. McCORMICK: Well, if these wells aren't connected now, and if you haven't determined on your final method of completing them, say, what is the purpose of having the pool designated at this time?

MR. GORDON: Well, we think we will soon have a connection for the gas, by selling gas. We don't want to set up thisses set up different pool horizons. That is, between the Cliff House and the Point Lookout. But we may wish to produce them separatelyon account of the possible difference in pressure between

the Cliff House and the Point Lookout formations. But all we are asking for now is the name of, say, North Largo and East Largo and 320 acre spacing to be set up so that any wells drilled in the area will conform to the pattern.

MR. McCORMICK: How much of this area that you propose to include in Largo is government land?

MR. GORDON: Practically all of it.

MR. McCORMICK: And you have two distinct producing horizons there now?

MR. GORDON: Well, we will call them the Mesa Verde. We are not trying to differentiate between them.

MR. McCORMICK: How far apart vertically are they?

MR. GORDON: Five or six hundred feet I believe. I would have to check that. Quite a distance between the two.

MR. McCORMICK: There would have to be one pool set up for one pool or the other.

MR. GORDON: We are just asking for Mesa Verde gas. In the general area they are taking the Cliff House and Point Lookout as being part of the Mesa Verde, and setting up pools on the Mesa Verde only although they may be producing from one or both. In the Blanco they are producing from both in many cases.

MR. SPURRIER: Mr. Gordon, you would recommend that the now existing Largo Pool should include also these four other wells in T. 28N-8W?

MR. GORDON: I didn't make any recommendation to cover them.
They are not our wells. I am making recommendations on our own producing properties.

MR. SPURRIER: It seems it might be logical to include them.

MR. GORDON: It might be, yes, sir. You might want to do that. But I wasn't requesting it.

MR. SPURRIER: All right.

CHAIRMAN SHEPARD: Any questions? Mr. Morrell?

MR. MORRELL: I am in entire accord with the statements made by the representative from Byrd-Forst with the single exception of the name of the pool. I think that the Commission should take cognizance of the structure on which this gas is located. For the information of the Commission -- this is an extra copy you can have if you like; you have some in your office;; I will sketch two contours. We will take a plus 900 feet contour of the basin and a plus 1,400 foot contour of the basin. This is a single gas structure that swings southeasterly from the now defined La Plata area through the now defined Blanco area. The area of which Mr. Gordon is speaking is right in here. It is certain that there is a single common reservoir of Mesa Verde production. We will then be confronted with the fact that we can get too many names in a single pool. I think the Commission should take that into consideration for its own convenience. We have got La Plata and South La

Plata which are rapidly being absorbed. The only producing area east of the Animas is the Blanco. The name Largo is a happenstance completed south of Blanco. It isn't producing. To add to the confusion, the area which Mr. Gordon wants to have called Largo is already included in some agreements that are now before the Department of the Interior and which will be submitted to this Commission involving Delhi, Blanco, San Juan Production Company, and the El Paso Natural Gas Co. that embrace the term Blanco. There is production in the area now from southern San Juan production Co. wells, which come under the Blanco development contract. It seems to me to simplify the record it would be best to extend the name of a producing area rather than continue one that is not producing. I would suggest that this single gas structure take the name of La Plata from the Colorado line to the Animas River, and exclude from the Animas River to the Blanco. When it has been definitely proved, similar to the case of what was done in Fulcher Basin and Kutz Canyon, that was hyphenated and made a single field and cut it down to Fulcher-Kutz. We could get this to Blanco-La Plata and take it all. If you don't, you will have each operator getting his preference. We had Cedar Hill offered for a couple of wells between Blanco and La Plata. And for over-all convenience it would be much simpler to retain the names to as few as possible.

MR. McCORMICK: It is your suggestion that this area under

consideration now be included in the Blanco Pool?

MR. McCORMICK: And it would be joined up all as one pool? MR. MORRELL: Yes.

MR. GRAHAM: Why not fix Blanco for the time being? MR. MORRELL: If you want to make it for the time being, south or east, we have no objection. But the thought of simplifying the terminology for the record, it would be very helpful. For the record, the contract I spoke of for development includes land in 28N, 8 and 9W; 29N-9W, 30N-8 and 9W. This area that Byrd-Frost has in mind includes 28N-dW as well as 29N-8W.

MR. McCORMICK: I ask you, Mr. Morrell, if you think the development has gone far enough now to include it all in one P0017

MR. MORRELL: I think it has definitely proved to be continuous. You get wide variations in the productivity of wells, but it is proved to be productive down through 28N-7W.

MR. GORDON: Now how much area is there in what you would specify as the present Blanco as designated by the state?

MR. MORRELL: This area here. I might add that south of the present designation by the state of the Blanco area wells have been drilled continuously to what is already designated as Largo a mile or two apart.

MR. GORDON: This area you are speaking of is about that big?

MR. McCORMICK: It takes in this.

MR. GORDON: Now specified as Blanco.

MR. MORRELL: Not much larger than what is drawn there.

MR. GORDON: And the area we are talking about in this hearing is 10 miles long and about—it is maybe twice as much area.

That is, the total area.

MR. MORRELL: But the present definition is

MR. GORDON: Well, I am just going by what is set up.

MR. SPURRIER: What do you think about the size of the pool Mr. Gordon recommended?

MR. MORRELL: I see no reason why it couldn't be carried over as much area as he suggests.

MR. SPURRIER: It goes from?

MR. MORRELL: It can be fully 12 miles north and south and carried on over another 10 miles east. But the department does have much of this area that Mr. Gordon suggests as Largo in its area as Blanco, and the production will be recorded by the El Paso Natural Gas Co. as Blanco under its contract. I think the situation is that Byrd-Frost has got Largo set up on its records and would prefer to not change them. That is something to be considered to.

MR. GORDON: Yes, we have a big area there. It was called Largo before we ever went out there and bought leases. It has always been called Largo on account of Largo Cenyon. That name has always stood for that area, and we would kind of like to

keep the name. But it is only a name. It doesn't make any difference, except I think the area is larger than the Blanco area now.

MR. MORRELL: Yes.

MR. McCORMICK: How about calling it Largo-Blanco?

MR. MORRELL: Than you get Largo-Blanco-La Plata. So far as local names are concerned, Southern Union wanted to call it Glade.

MR. GORDON: There is a Glade up in Colorado.

MR. MORRELL: Yes, also La Plata.

MR. GORDON: Of course, the main thing to us is the field rules and the spacing.

MR. MORRELLE I do agree with the spacing program Mr. Gordon suggests, and I think in time we would amend the present spacing program for the Blanco under existing rules to more or less conform.

CHAIRMAN SHEPARD: Anybody have anything to say? If not, we take up the next case.

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO)

I HEREBY CERTIFY That the foregoing transcript of hearing in Case No, 262 is a true record of the same to the best of my knowledge, skill, and ability.

E. E. Greeson

DONE at Albuquerque, N. M., March 27, 1951.

My Comm. Ex.: 8-4-52

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

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

> CASE No. 262 ORDER No. R-67

IN THE MATTER OF THE APPLICATION OF BYRD FROST, INC. FOR DESIGNATION AND SPACING RULES FOR A MESAVERDE GAS POOL TO BE KNOWN AS LARGO-MESAVERDE GAS POOL IN RIO ARRIBA AND SAN JUAN COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION

This matter came on for hearing at Santa Fe, New Mexico at 10:00 o'clock on March 20, 1951, and the Commission having heard the testimony adduced and reviewed the pertinent office records,

FINDS:

- 1. That due notice having been given in compliance with law, the Commission has jurisdiction of the interested parties and the subject matter hereof.
- 2. That heretofore on March 21, 1950, upon the recommendation of the then functioning Northwestern New Mexico Nomenclature Committee, there was, by Commission Order No. 214, duly established a pool classified as a gas pool designated as the Largo (Mesaverde) pool described as:

T. 28 N, R. 8 W Sections 33 and 34

T.27 N, R.8 W Sections 3 and 4

3. That testimony adduced at the hearing, upon Byrd-Frost, Inc.'s application in this case, shows that within the confines of the proposed extension of boundaries, and since the establishment of such Largo (Mesaverde) pool, producing wells have been completed in:

T. 29 N, R. 8 W SW/4 section 17 (Billie D. Day)

NE/4 section 22 (H. E. Roeloffs No. 1)

T. 28 N, R. 7 W NE/4 section 33

all producing from Cliff House and/or Point Lookout in the Mesaverde formation.

4. That applicant testimony is that it is presently completing

T. 29 N, R. 8 W

SW/4 section 19 (J. F. Hughes No. 1), in the Mesaverde formation, and have made locations, with entire confidence of encountering Mesaverde production, as follows:

> T. 28 N, R. 8 W NE/4 section 17, and SW/4 section 16

IT IS THEREFORE ORDERED: That the boundaries of the Largo pool, heretofore created by Order No. 214, effective April 27, 1950, be and the same hereby are extended to include not only its original boundaries of:

> T. 28 N, R. 8 W Sections 33 and 34

T. 27 N, R. 8 W Sections 3 and 4,

but in addition thereto, the following lands:

T.29 N, R.8 W Sections 1 to 36, inclusive

T. 29 N, R. 7 W Sections 28, 29, 30, 31, 32 and 33

T. 28 N, R. 7 W Short sections 7, 8, 9, and 10 Sections 15, 16, 17, 18, 19, 20, 21, 22, 27, 28, 29, 30, 31, 32, 33, and 34

T. 28 N, R. 8 W Short sections 7, 8, 9, 10, 11, 12 Sections 13, 14, 15, 16, 17, 18, 20, 21, 22, 23, 24, 25, 26, 27, and 28, 35 and 36

IT IS THEREFORE ORDERED: That the spacing pattern for the pool as hereby established be and the same hereby is fixed as 320 acres for Mesaverde production, and with orthodox locations in the centers of the respective northeast quarters and the southwest quarters of each included section, with a 200-foot tolerance. Unorthodox locations may be authorized after notice of hearing, upon proper applications duly filed with the Commission, and

IT IS FURTHER ORDERED; That jurisdiction of this case be retained by the Commission for the purpose of changing by reducing or extending the designated area and for other pertinent purposes as facts may be further disclosed by exploration and development.

DONE at Santa Fe, New Mexico, this 20 day of April, 1951.

STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

GUY SHEPARD, Member

Age	FORMATION	c	HARACTER	REMARKS
EOGENE AND PALEOCONE	Wasalch fm	150 - NOO	Gray to bross & very, sh.	
PALEOCENE AND UPPER CRETAGEOUS	Nacimiento grp (Torrejon & Puerco)	1700 3000	Brn & gray ss. grnsh & gray sh	
	Animas 7 Ojo Alamo	50 <i>7</i> 50	Brn ss with yarg sh conglomeratio	
CRETACEOUS	McDermott fm	30.250	Andesific ss & sh	· · _ ·
	Kirtland sh. (farmington ss)	(3) - 11 (5) - 12 (5)	Gray sh & ben ss	farmington as produces gas or oil at Astec, Blanco, Bloomfield and Wyper.
	Fruitland fm	700 588	Gray sh with gray & brn ss cod	
	Pictured Cliffs ss		It gray so with sh	Pictured Cliffs ss produces gas at Blacco. Gardan Kuts Camon Fulcher Basin and Ross
	Lewis sh	2000	- Gray sh with ss lenses	
	Mesaverde grp. Cliff House ss. Menefee sh Point Lookout ss		Massive ss & brn.& gray sh with coal beds	Mesaverde produces of or gas at Blanco, Hospah, Kuft Canyon - Fulcher Basin, La Plata, Red Mountain, Seven Lakes, and Stoney Butte.
	Mencos sh.		Ok gray sh milh ss lenses, cals at base	Mancos shale has produced small quanities of oil at Crome, Mancos Creek and Red Mcsa
	Dakota ss	_ iso 250	LI bro ss with sh lenses	Datolass has produced oil or gas al Angeles Peak, Baiter Creek, Hogback, Lindwith Prine, Rattlesnake, Table Yesa and Ute Dome.
	Morrison Fm	∵-300 <u>\$</u> 00 -}-	Gray & bross with yarg sh	
	Summerville equiv	10 2	Red-brn gypsif sh	i.
ý	Wanakah fin	10 100 4144	Gypsum & Ist.	
JURASSIC	& Efilrada ss	50.500	Red Borange red ss mith dk red sh	
a	S Carmel fm	23 - 100	Stredber sdy.sh	
3	Navajo ss	0.300	Bulf & red ss	
· ·	Kayenta fm	0.40	Red-brn sdy sh locally calc.	
	S Wingale ss	0 - 750	Dk.red-brn sft ss.	
TRIASSIC	Chinle fm	1600	Red sh & ss	
	Shinarump cong.	0.125	Crim to red brin ers. cs & cong	•
	Moenkopi fm.	9.100	Red-brn choc & gray sh locally calc.	•
PERMIAN	Cutter fm.	- K00	Red ss.&red sh.	
PENNSYLVANIAN	Rico fm Hermosa fm.	0 /50 600 · 1000	Red-brn shs with thinlsts. Lst,ss & sh	
	Paradox Fm	辑_0:3000 世	Sall, gypsum & bik sh with thin ist	The Pennsylvanian has produced oil or gas at Barker Cr. Dove Cr. Rattiesnake and Ute Dome.
	Molas fm	25-100'= -	Ok gray & purple sh	
MISSISSIPPIAN	Leadville Ist.	100	White & brn 1st.	The Oursy-Leadville lst series have produced
DEVONIAN	Ouray 1st	11.700	Gray 1st	substantial gas shows at Rattlesnake & Tocito Dome This gas is high in helium
	Elbert frn.	17.70.110.572	Lati, as & sh.	
CAMBRIAN	Ignacio quartzite	0.10	Quartitle, say, sh & cong.	
PRE CAMBRIAN			Granite & schist	

GENERALIZED STRATIGRAPHIC SECTION OF THE SAN JUAN BASIN

NEW MEXICO OIL CONSERVATION COMMISSION
RRSpurier, Director

Thicknesses hollo scale

FIELD OFFICE 113 WEST WHALEY LONGVIEW, TEXAS TELEPHONE 1096

BYRD-FROST, INC.

OIL

GENERAL OFFICES INO TOWER PETROLEUM BLDG. TELEPHONES: R-5153 R-5154 L.D. 818 DALLAS I, TEXAS

February 12, 1951

Marzo luaring

CARC 262

Mr. R. R. Spurrier Oil Conservation Commission Capitol Building Santa Fe, N. M.

Re: Largo Area

Dear Dick:

The development in the Largo Area of San Juan and Rio Arriba Counties of New Mexico now covers a considerable area and Byrd-Frost, Inc. is of the opinion that this area should be designated as a Mesa Verde gas field under the name of "Largo" with spacing rules similar to those for the Blanco Field.

Should the Commission see fit to hold a hearing for this request, the area we suggest for the Largo Mesa Verde gas field is as follows:

> T-29N, R-8W: Sections 1 to 36, inclusive.

33434 T-28N, R-8W: Sections 7 to 18, 20 to 28, and 34 to 36.

T-27N, R-8W: 24 d Sections 1 to 4, and 9 to 12.

T-29N, R-7N: Sections 17 to 20 and 28 to 34.

T-28N, R-7W: Sections 7 to 10, 15 to 22 and 26 to 35.

It will be appreciated if you will advise me whether a more formal request for a hearing on this matter will be required.

Very truly yours,

BRYD-FROST, INC.

BY: Joseph C. Gordon.

February 15, 1951 Mr. Joseph C. Gordon Byrd-Frost, Inc. Dallas, Texas RE: Largo Area Dear Joe: Thank you for your recommendations of February 12 concerning designation of a Largo Mesa Verde gas pool. Your letter was quite adequate, and there is no need for further communication regarding this pool. The matter will be included in the hearing scheduled for March 20. Very truly yours, Secretary and Director bpw

DOCKET OIL CONSERVATION COMMISSION

Resume of applications to be heard March 20, 1951 at 10:00 o'clock a.m. in Santa Fe, New Mexico, in the Council Chamber of the City Hall.

- 1. Allowable -
- 2. Case 149 This is the Crossroads pool 80-acre versus 40-acre spacing question which was continued to March 20 by Order R-45, dated 12-29-50. Companies have been asked to furnish all remaining information available on the Crossroads pool.
- 3. Case 245 This case, which involves the designation of the gas pools in Lea, Eddy, and Chaves Counties, was originally scheduled for the December hearing. At that time sufficient information was not available to enable the Commission to promulgate an order, and the case was therefore continued to the regular March hearing (March 20, 1951).
- 4. Case 260 This case is an application by Tide Water Associated Oil Company of Houston, Texas, for an oil/oil dual completion of the Ellenburger and McKee formations for State S No. 4, located in the NE/4 NW/4 section 15, T. 21 S., R. 37 E: Perforations 7800-7825 for the Ellenburger and 7422-7434 for the McKee; or in the alternative to transfer allowable of State S No. 4 to State S No. 3.
- 5. Case 261 This is an application by Cities Service Oil Company of Bartlesville, Oklahoma, to dually complete State S No. 3, located in the SE/4 NW/4 section 15, T. 21 S, R. 37 E, Lea County, New Mexico, for oil/oil completion in the Ellenburger and McKee formations; Perforations in the Ellenburger 7860-7900' and 7960-8000'; for the McKee 7454-7530'.
- 6. Case 262 This is a hearing to set out the limits of the pool and spacing for sa Verde production in the vicinity of Largo pool, San Juan County, N. M., generally in Townships 27 and 28 and 29 North, Ranges 7 and 8 West.
- 7. This case is a matter of nomenclature for the designation or extension of various pools, which is necessitated by recently completed wells in the vicinity of the House Pool, Bough pool, Vacuum pool, and Bagley Siluro-Devonian pool; Twin Lakes (discovery well Magnolia #1 O'Brien "B"), Fowler-Blinebry (discovery well Stanolind, State "D" Tract 14 #1, Gladiola-Abo (discovery well Sinclair, Virgie Green Tract A #1), Levick pool (discovery v ll Levick, State #1), Keohane pool (discovery well Keohane, Inc. #1 D. Keohane).
- 8. Case 264 Kewanee Oil Co. for approval of "Four Mile Unit" Agreement T.18 S, R.18 E and T.19 S, R.18 E, Chaves County Santa Fe, N. M.
 February 22, 1951

me 262 months houring

Township	Range	Township	Range
Township	Range 8 W	Township	Range 7 W
6 5 -7 8- -7 8- -18 -176 #	9 10 11 12 rd 12 8 t 13	-1817-	-4 - 3 - 2 - 1 12 14 13 - 13 13 -
Byrd-Pics 39 #1 Pune	21 22 23 Byrd4 Fr 21 22 23 Byrd4 Fr 28 27 26 25 Byrd-Prost 3 #1+2 Fughes 33 34 35 36	fs -30 -25	21 22 23 24 24 25 28 27 26 25 36 36 36 36 36
3harp 0 #1 Bolack 28 —18 Sharp	-16151413 -	7817	-9 - 10 - 11 - 12 - 13 - 14 - 13 - 13 - 14 - 13 - 14 - 13 - 14 - 13 - 14 - 15 - 15
N	o #1-A Gramblin 21- 22- 23- 24- San Juan Prof. 9 #2-A Gramblin 28- 27- 26- 25-	-3029	21 22 23 24 -28 27 -26 -25
6 5	Great Lakes Oil 6 o #1 Graham o Great Lakes 4 3 #3 Graham Great Lakes O #2 Graham 9 10 11 12	011 & C. 5	-432
1817	-16151413	1817	16 15 14 13 13