

Case No.

51

Application, Transcript,
Small Exhibits, Etc.

ASE 51-th copy of all communications to service
under as to Hall Record

CASE NO. 51

BEFORE THE OIL CONSERVATION COMMISSION OF THE
STATE OF NEW MEXICO

In the matter of the application of the New Mexico Oil Conservation Commission, upon its own motion, for an order revising the rules and regulations of the Commission as to Well Record and Well Record (Form C-105); to require the filing with the Commission any geologist's log and any electric log made or taken; and to require the delivery of a sample cut to the State Bureau of Mines when requested by the Commission. This case is set for 10 A.M., August 4, 1944.

(Note: The information required by existing rules is frequently incomplete and insufficient for study and correlation by the Commission in conjunction with the State Bureau of Mines).

Pursuant to notice by the Commission, duly made and published, setting August 4, 1944 at 10:00 o'clock, a.m., for hearing in the above entitled matter, said hearing was convened on said day, at said hour, in the Coronado Room of the La Fonda, Santa Fe, New Mexico, the Commission sitting as follows:

HON. RAY ROGERS, State Land Commissioner, Member
HON. JOHN M. KELLY, State Geologist, Secretary
HON. CARL B. LIVINGSTON, Chief Clerk and Legal Adviser.

R E G I S T E R

<u>NAME</u>	<u>COMPANY</u>	<u>ADDRESS</u>
J. O. Seth	Stanolind Oil Company	Santa Fe, New Mexico
R. E. Nelson, Jr.	Stanolind Oil Company	Tulsa, Oklahoma
W. D. Henderson	Stanolind Oil Company	Midland, Texas
George W. Selinger	Skelly Oil Company	Tulsa, Oklahoma
D. W. Spence	Sinclair Prairie Oil Co.	Midland, Texas
H. B. Hurley	Continental Oil Company	Ft. Worth, Texas
R. Van A. Mills	Continental Oil Company	Ponca City, Okla.
J. W. Head	Head & Miller	Borger, Texas
K. H. Dally	Head & Miller	Borger, Texas
A. Knickerbocker	Fred Turner, Ju.	Midland, Texas
J. M. Zachary	Neiville G. Penrose, Inc.	Ft. Worth, Texas
Hamilton McRae	Fred Turner, Jr.	Midland, Texas
Frank D. Gardner	Sinclair Prairie Oil Co.	Midland, Texas
G. L. Shoemaker	Shell Oil Company, Inc.	Midland, Texas
S. W. House	Humble Oil Company	Midland, Texas
V. C. Mailey	Humble Oil & Refining Co.	Midland, Texas
Hugh L. Sawyers	N. M. Oil & Gas Ass'n.	Roswell, N. M.
Claude E. Wood	State Land Office	Santa Fe, N. M.
Jesse Hildreth	General Crude Oil Company	Wink, Texas
Leo E. Shultz	Oil & Gas Dept. - State Land Office	
Jerry Curtis	Magnolia Petroleum Company	Santa Fe, N. M.
S. P. Hamfin	Magnolia Petroleum Company	Roswell, N. M.
W. K. Davis	El Paso Natural Gas Company	Midland, Texas
R. L. Boss	Gulf Oil Corporation	Jal, New Mexico
E. J. Gallagher	Gulf Oil Corporation	Hobbs, N. M.
A. E. Willig	The Texas Company	Hobbs, N. M.
Glenn Staley	Lea County Operators	Ft. Worth, Texas
Harvey Hardison	Standard of Texas	Hobbs, N. M.
W. S. Patterson	Scouting Service	Houston, Texas
C. W. Paris	Shell Oil Company	Santa Fe, N. M.
John P. Healy	Colo-Mex	Midland, Texas
Weldon Brigance	Rovan Drilling Company	Santa Fe, N. M.
Roy O. Yarbrough	Oil Conservation Commission	Ft. Worth, Texas
E. H. Foster	Phillips Petroleum Company	Hobbs, N. M.
		Amarillo, Texas

(REGISTER) Cont'd.

<u>NAME</u>	<u>COMPANY</u>	<u>ADDRESS</u>
Mrs. Nettie Ogle		Santa Fe, N. M.
Fred Turner, Jr.	Independent	Midland, Texas
D. R. McKeithan	Phillips Petroleum Company	Barbersville, Okla.

The meeting was called to order by the Chairman, and upon request of the Secretary, the Chief Clerk read the call of the meeting, as follows:

NOTICE FOR PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

The Oil Conservation Commission, by law invested with jurisdiction as the oil and gas regulatory body of the State of New Mexico, hereby gives notice of the following hearing to be held at Santa Fe, New Mexico:

Case No. 51

In the matter of the application of the New Mexico Oil Conservation Commission, upon its own motion, for an order revising the rules and regulations of the Commission as to Well Record and Well Record (Form C-195); to require the filing with the Commission any geologist's log and any electric log made or taken; and to require the delivery of a sample cut to the State Bureau of Mines when requested by the Commission. This case is set for 10 A.M., August 4, 1944.

(Note: The information required by existing rules is frequently incomplete and insufficient for study and correlation by the Commission in conjunction with the State Bureau of Mines).

Any person having any interest in the subject of said hearing is entitled to be heard.

The foregoing Notice of Publication was made pursuant to the direction of the Commission at its Executive Meeting July 6, 1944.

Given under the seal of said Commission at Santa Fe, New Mexico, on July 7, 1944.

OIL CONSERVATION COMMISSION

/s/ John M. Kelly

BY (SGD) JOHN M. KELLY
SECRETARY

SEAL"

BY MR. KELLY: This case was called on the Commission's own motion. The reason in calling it, several months ago the operators requested the Commission to initiate a study of secondary recovery in sand areas. We find the records through the sand areas are so incomplete you cannot get the condition of the wells from the files. Some companies threw their sample examinations away, some never took a log, and some have a fairly complete log, other cases they have moved away and a new man interprets a little differently.

The files we examined were ten years old or more. The present information we find is so scant we could hardly get any information at all. We felt this case should be called to clarify the situation. There is nothing in the call that is not already in the orders, merely a call for clarification.

Under Section 9 - "The Commission is hereby empowered, and it is its duty, to prevent the waste prohibited by this act. To that end, the Commission is empowered to make and enforce rules, regulations and orders, and to do whatever may be reasonably necessary to carry out the purposes of this Act, whether or not indicated or specified in any section hereof."

Section 10 - "Included in the power given to the Commission is the authority: to collect data; to make investigations and inspections; to examine properties, leases, papers, books and records; to examine, check, test and gauge oil and gas wells, and tanks, plants, refineries, and all means and modes of transportation and equipment; to hold hearings, to provide for the keeping of records and the making of reports for the checking of the accuracy thereof; to limit and prorate production of crude petroleum oil and natural gas; to require either generally or in particular areas certificates of clearance or tenders in connection with the transportation of crude petroleum oil or any produce thereof, or both such oil and products."

Under these two sections, the rules and Form C-105 which is the so-called "Drillers Report Form", became effective August 12, 1935, and underneath rule 32 this Form states "The well record shall include the name, number and location of the well; whether the land on which it is located is Federal, State or privately owned; drilling dates; elevation; depth and thickness of oil or gas sands and important water sands; a full casing record; mudding and cementing record; shooting and treating record; plugs and adapters used; results of drill

stem and other tests; records of deviation surveys; tolls used; production record for first 24 hours; names of contractors and drillers; and a complete log or formation record giving in detail the formations passed through, their depths and thickness. The log shall specify the formations yielding water, the rate of water inflow, and the elevation to which water rose in the hole. It shall give data regarding upper oil and gas shows, and any additional pertinent information."

The Commission wishes to put in this case as exhibits logs filed by various operators underneath this act. We cannot get one bit of information from the log except that the well was drilled. No record of any test formations, except in general terms. We felt we should call this hearing to clarify this.

We would like to have a fairly complete log. The word "geological log" was probably mis-worded, it should have said a complete log. We feel samples should be kept in a store room where any operator or the Commission can make a complete survey at a later date.

The Commission does not wish to have any samples or information the operator considers confidential, for during a reasonable period of time, and six months seems a reasonable time to the Commission. We are not requiring any operator to run an electric log. We would like them if run at a later date, merely to be put in our files for study ten years from now. We are willing to work with the operators and figure out a way he can do this the easiest.

MR. WILLIG: The Texas Company -

We certainly appreciate the Commission's attitude in this matter, we feel it highly desirable for the Commission to have samples of wells, but I don't know about the other companies. Our Company does not take samples below the salt section.

MR. KELLY: As complete a record after the samples are taken below the salt or further.

MR. WILLIG: I understand from your statement the Commission does not expect the operators to furnish interpretative data?

MR. KELLY: That is right. Furnish data for the Commission's interpretation at a later date.

MR. WILLIG: As you stated, that is a controversial matter, and I understand that is why geologists use pencils to make contour lines.

MR. SELINGER - Skelly Oil Company

We heartily favor your recommendations as set forth this morning, and would think the industry as a whole would be glad to cooperate.

MR. R. VAN A MILLS - Continental Oil Company

Your statement this morning has served to clarify a situation which gave the operators some concern as to their confidential log data, particularly explorers and etc., it might be helpful if we could set a time limit - for instance six months I believe was mentioned.

MR. KELLY: The time under the C-105 is ninety days, and we will be glad to revise that time and set a more reasonable time.

MR. MILLS: That will be helpful because there will be log data which is confidential.

MR. KELLY: We are willing to increase the time.

MR. HURLEY: Continental Oil Company

How would you propose getting your sample cut?

MR. KELLY: The way it is now, all operators deliver them to the Hobbs sample cut. We would be glad to have you notify them to send them to us once a week at Socorro. The only reason for this is we have space and two geologists over there helping the Commission interpret some data. The samples will be the property of the Oil Conservation Commission, and not the State Bureau of Mines. At a later date if we have office space they will be moved.

MR. W. K. DAVIS - El Paso Natural Gas Company

These logs will be available to any individual or organization?

MR. KELLY: They will be public records.

MR. DAVIS: As it stands now we pay several dollars per month for this sample cut.

MR. HARVEY HARDESCON - Standard of Texas

I wonder of 90 days doesn't mean a log of the well and not the samples. Shouldn't it be clearly stated any samples given by the companies to the Commission should be six months? The log of the well I think 90 days.

MR. KELLY: Rule 32 states in part - "The well record shall not be kept confidential by the Commission unless requested in writing by the owner of the well. Upon such request the Commission will keep the report confidential for ninety (90) days from the date of the completion of the well; x x x x".

MR. HARDESCON: Your new order shouldn't say all information.

MR. KELLY: Just the well record.

MR. HARDESON: I suggest that.

MR. KELLY: So noted.

We don't want to appear like we are trying to burden you with more information.
We know now hard it is to get help now.

MR. E. J. GALLAGHER- Gulf Oil Corporation.

My Company submitted a letter, would you include that as an exhibit?

MR. KELLY: Letter from Gulf Oil Company as exhibit No. 1.

The following telegram has been received from Edgar Kraus of the Atlantic Refining Company:

*VB160 DL*MB Dallas Tex. 2 215P

JOHN M KELLY

SECRETARY OIL CONSERVATION COMMISSION

Sorry unable attend hearing. Regarding Case 51 the Atlantic Refining Company has no objection filing any electric log of well with Commission provided such survey has been made on well drilled by company and provided such log will be kept confidential for a period of ninety days after filing upon request of Company. Assume from call no intention to require running electrical logs to which procedure we would seriously object. We would object to regulation requiring filing geologists or sample logs since they are largely interpretative and are frequently prepared in manner make duplications onerous. Since all operators do not prepare such logs and could not therefore file them. Regulation requiring others to do so would be discriminatory and unfair. Regulations no permit Commission obtain all sample cuts and interpretative logs can be prepared by Bureau or Commission if desired. Cuts and interpretative logs can be prepared by Bureau of Commission if desired. This wire may be included in minutes of hearing as Atlantic's testimony in case.

The Atlantic Refining Company by Edgar Kraus."

MR. C. W. FARIS - Shell Oil Company:

I wish to make the statement that the Shell Oil Company has no objections.

Will be glad to send samples.

MR. KELLY: Mr. Brigance you are an individual operator, will this cause any further work for you?

MR. BRIGANCE: No, it would not Mr. Kelly, we have all our samples under your plan, I don't see where it will cause any additional work on anyone, but to cut one more set of samples. It suits me fine.

MR. W. D. HENDERSON - Stanolind Oil Company

So far as I know personally, the Stanolind Oil Company would favor such a plan as you have outlined this morning.

MR. KELLY: Stanolind's only objection by letter is that the "State Bureau of Mines will furnish a sack".

MR. E. H. FOSTER - Phillips Petroleum Company

Phillips has no objection to your plan.

MR. KELLY: I believe these samples will be of value to everybody in years to come. A complete set of samples and information will be of value to everybody I believe.

If there are no further statements, the Commission will amend its Form C-105, Rule 32, to incorporate in it the ideas expressed by the Commission and suggested by the operators here today.

C E R T I F I C A T E

I hereby certify that the foregoing and attached six and a fraction pages of typewritten matter constitute a true, correct and complete transcript of the shorthand notes taken by me in Case No. 51, on the 4th day of August, and by me extended into typewriting.

WITNESS my hand this 9th day of September 1944.

Vastie Fowler
Vastie Fowler



Exhibit # 1-51



PETROLEUM AND ITS PRODUCTS

GULF OIL CORPORATION

P. O. BOX 661 · TULSA 2, OKLAHOMA

GYPSY
DIVISION

August 1, 1944

AIR MAIL

New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Gentlemen:

Reference is made to Case No. 51 scheduled for hearing before the Commission at 10:00 a.m. August 4, 1944. The Gulf Oil Corporation objects to the promulgation of an order requiring the filing of any geologist log, any electric log and the delivery of sample cuts to the State Bureau of Mines.

In any business, private information is essential for the proper conduct of the business. In fact, private information should properly be termed "stock in trade" and for this reason no regulatory body should require the divulging of such information. Also, no definite time limit can be placed on just how long such information should continue to be private no more than a time limit could be placed on how long geophysical information is useful as private information. Some information could be released quickly but the operator should have the right to determine the time when such information can be released without jeopardizing the company's interests. The release of such information to be held as confidential is not practical since there are so many opportunities for leaks.

It is conceivable that requiring the filing of such information, if taken, might actually reduce the frequency of obtaining such information and result in less efficiency in oil exploration and development for the reason if such information is to become public property, no prudent operator will make expensive and frequent tests, etc., when he knows the results will be furnished free to others.

With reference to the filing of geological logs, it is not common to make a geologic examination covering the full penetration of the well. Also, the recording of formations on logs is to a large degree a matter of personal opinion based on experience and observation, and the correlative points recorded are in most instances not alike as between individuals or companies. In fact, in Southeastern New Mexico, there are very few marker formations, such as Rustler and Yates, on which there are general agreements among geologists. The requirement that a personal opinion be filed as a matter of routine procedure does not appear to be reasonable. Further, the making of a single geological log requires hours and even days, and the mere copying of such a log requires hours of painstaking work.



DATE 8-1-44

FROM S. G. Sanderson

TO

New Mexico Oil
Conservation Commission

SHEET NO. 2

With reference to the filing of sample cuts, it appears that if the information is desirable and will be used, it should be worth the effort of having a representative obtain the samples at regular scout check meetings, as is done by the various companies involved. It is my understanding that Commission representatives have attended the scout check meetings, at least in Southeastern New Mexico, and that sample cuts have been available to them.

I strongly recommend that this entire matter be handled on a voluntary basis. It is my opinion that sufficient information will be voluntarily furnished to meet the needs for proper analyses by the Commission and State Bureau of Mines.

Very truly yours,

S. G. Sanderson
General Superintendent

SGS:SG

CLASS OF SERVICE
This is a full-rate telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION

1220

SYMBOLS
DL = Day Letter
NT = Overnight Telegram
LC = Deferred Cable
NLT = Cable Night Letter
Ship Radiogram

A. N. WILLIAMS
PRESIDENT

NEWCOMB CARLTON
CHAIRMAN OF THE BOARD

J. C. WILLEVER
FIRST VICE-PRESIDENT

The time shown in the date line on telegrams and cablegrams is OPERATING TIME at point of origin. Time of receipt is STANDARD TIME at point of destination.

VD160 DL=MB DALLAS TEX 2 215P

AUG 2 PM 5 02

JOHN M KELLY

Case 51

SECRETARY OIL CONSERVATION COMMISSION

SORRY UNABLE ATTEND HEARING. REGARDING CASE 51 THE ATLANTIC REFINING COMPANY HAS NO OBJECTION FILING ANY ELECTRIC LOG OF WELL WITH COMMISSION PROVIDED SUCH SURVEY HAS BEEN MADE ON WELL DRILLED BY COMPANY AND PROVIDED SUCH LOG WILL BE KEPT CONFIDENTIAL FOR PERIOD OF NINETY DAYS AFTER FILING UPON REQUEST OF COMPANY. ASSUME FROM CALL NO INTENTION TO REQUIRE RUNNING ELECTRICAL LOGS TO WHICH PROCEDURE WE WOULD SERIOUSLY OBJECT. WE WOULD OBJECT TO REGULATION REQUIRING FILING GEOLOGISTS OR SAMPLE LOGS SINCE THEY ARE LARGELY INTERPRETATIVE AND ARE FREQUENTLY PREPARED IN MANNER MAKE DUPLICATION ONEROUS. SINCE ALL OPERATORS DO NOT PREPARE SUCH LOGS AND COULD NOT THEREFORE FILE THEM REGULATION REQUIRING OTHERS TO DO SO WOULD BE DISCRIMINATORY AND UNFAIR. REGULATIONS DO PERMIT COMMISSION OBTAIN ALL SAMPLE CUTS AND INTERPRETATIVE LOGS CAN BE PREPARED BY BUREAU OR COMMISSION IF DESIRED. CUTS AND INTERPRETATIVE LOGS CAN BE PREPARED BY BUREAU OF COMMISSION IF DESIRED. THIS WIRE MAY BE INCLUDED IN MINUTES OF HEARING AS ATLANTICS TESTIMONY IN CASE=

THE ATLANTIC REFINING COMPANY BY EDGAR KRAUS.

51 51. ONEROUS.

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

STANOLIND OIL AND GAS COMPANY

FAIR BUILDING

FORT WORTH, TEXAS

PRODUCING DEPARTMENT
J. H. MOYAR
DIVISION SUPERINTENDENT

July 31, 1944
File: JHM-6669-310.12

Re: Oil Conservation Commission Hearing
Santa Fe, New Mexico, August 4, 1944

Honorable John J. Dempsey, Governor,
Chairman of New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Dear Sir:

Notice of the hearing to be held before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico on August 4, 1944, has been received by our Company. Due to the general exigencies brought about by the war, we find it impossible to have our personnel from this office attend the hearing. A representative from our Tulsa office will attend the hearing of Case No. 54 in regard to the Picacho Unit Agreement, Lincoln County, New Mexico. For the other cases to be heard, we wish to state our position in the form of a written statement.

Case No. 51 calls for an order revising the rules and regulations of the Oil Conservation Commission as to well records, filing of geological and electrical logs and the delivery of a sample cut to the State Bureau of Mines when requested by the Commission. The Stanolind Oil and Gas Company is agreeable to revising the rules regarding submission of data to the Commission to the extent that geological and electrical logs when made or taken by the operators will be submitted, and also to furnish a sample cut to the State Bureau of Mines when requested by the Commission. The geological log would simply be a type written log showing the interval for various formations encountered and would not contain interpretative data. Also, it is our opinion that the State Bureau of Mines should furnish a container or sample sack for the well cuttings. The submission of samples and well data would be on the basis that the Bureau of Mines will keep the information confidential.

Case No. 55 which is the hearing for the application of Fred Turner, Jr., for a bonus allowable for discovery of a new oil pool or a new producing horizon in an existing oil field will have extension wells to possible commercially productive oil wells. Testimony was presented at the hearing before the Oil Conservation Commission on August 3, 1943, in regard to the bonus allowables for wildcat wells. The Stanolind Oil and Gas Company feels that the testimony was adequate at this previous hearing and that the Commission will be in a position to adopt any order on the basis of the testimony given at that hearing. We believe

-2-

File: JHM-6669-310.12

that any order for bonus allowables for wildcat wells should be carefully drawn in order to eliminate possible inequities caused by difference in allowable within a field.

In regard to other cases that are called for hearing, we do not wish to make a statement inasmuch as Stanolind Oil and Gas Company is not directly effected by these individual cases.

Yours very truly,

STANOLIND OIL AND GAS COMPANY

By

J. H. Meyer
Division Superintendent

JHM:je

cc: Honorable H. R. Rodgers, Commissioner of Public Lands and Conservation Commissioner.
Honorable John M. Kelley, State Geologist and Conservation Commissioner.
Honorable Carl B. Livingston, Attorney for Oil Conservation Commission

Log. No. 3904

NEW MEXICO SCHOOL OF MINES
STATE BUREAU OF MINES AND MINERAL RESOURCES
SOCORRO, NEW MEXICO

WELL LOG DIVISION

CASING RECORD

Diam., in	Bottom
8 5/8"	236'
5 1/2"	2986'

ELEVATION

4397 Rotary
4390 Cable
4387 Ground

FEET

INITIAL DAILY PRODUCTION:

Open	116	bbls. Oil
Open	Gr. 38	cu. ft. Gas
Tbg.		bbls. Oil
Tbg.		cu. ft. Gas

COUNTY Lea
FIELD Caprock
COMPANY Malco Refineries, Inc.
LEASE State HAM Well No. 2
LOCATION (40) NE SW NE
SEC 31 T. 12 S. R. 32 E
1650 feet from north line and
1650 feet from east line of Section
COMMENCED 5-8-44
COMPLETED 5-30-44
ABANDONED
REMARKS:

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Caliche, shale	164		
Sand, shale	253		
Red bed and shells; Top anhy-			
drite 1390'	1395		
Anhydrite and shale	1418		
Anhydrite; Top of salt 1520'	1520		
Anhydrite and salt	2030		
Anhydrite and red rock; Base			
of salt 2140'	2205		
Anhydrite, salt and shale;			
Yates 2250'	2850		
Anhydrite	2970		
Anhydrite and shale	3000		
Cable Tool			
Anhydrite	2997		
Anhydrite and red bed	3024		
Sand; show of oil; Top of red			
sand 3024'; corrects to 3031'	3026		
rotary	3028		
Sand; free oil	3030		
Sand and shale	3034 T.D.		
Sand			

Corrects to 3041 Rotary.

SHOT RECORD

30 qts. 5-31-44 3030-3041

Log. No. 3905

NEW MEXICO SCHOOL OF MINES
STATE BUREAU OF MINES AND MINERAL RESOURCES
SOCORRO, NEW MEXICO

WELL LOG DIVISION

COUNTY Lea
FIELD Penasco
COMPANY Gulf Oil Corporation
LEASE H.T. Katterna "D" Well No. 5
LOCATION (64) C NE NW
SEC. 7 T. 22 S. R. 37 E
660 feet from north line and
1980 feet from west line of Section
COMMENCED 4-13-44
COMPLETED 5-18-44
ABANDONED
REMARKS:

CASING RECORD		ELEVATION	FEET
Diam., in.	Bottom		
9 5/8"	293'	Open	277
5 1/2"	362'	Open	400,265
		Tbg.	
		Tbg.	

INITIAL DAILY PRODUCTION:

bbls. Oil
cu. ft. Gas
bbls. Oil
cu. ft. Gas

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Surface sand and shale	300		
Shale and shells	1065		
Anhydrite	1100		
Anhydrite and shale	1165		
Salt	1195		
Anhydrite and salt	1465		
Anhydrite	1485		
Salt and anhydrite	2345		
Salt, anhydrite and shale	2470		
Salt breaks with anhydrite	2485		
Anhydrite	2905		
Lime and anhydrite	3230		
Lime	3288		
Lime and anhydrite	3319		
Lime	3571		
Lime, hard	3600		
Lime	3745 T.D.		

ACID TREATMENT

1000 gals. 5-26-44

Log. No. 3898

NEW MEXICO SCHOOL OF MINES
STATE BUREAU OF MINES AND MINERAL RESOURCES
SOCORRO, NEW MEXICO

WELL LOG DIVISION

COUNTY Lea
FIELD South Lovington
COMPANY Fred Turner, Jr.
LEASE State "B" Well No. 1
LOCATION (1/4) SE SW
SEC. 4 T. 17S R. 36E
660 feet from north line and
660 feet from east line of Section
COMMENCED 5-20-44
COMPLETED 6-13-44
ABANDONED
REMARKS:

CASING RECORD		ELEVATION	FEET
Diam. in	Bottom		
13"	326'	3884	
8 5/8"	1963'		
5 1/2"	4682'		
		INITIAL DAILY PRODUCTION:	
		Open	600 bbls. Oil
		Open	cu. ft. Gas
		Tbg.	bbls. Oil
		Tbg.	cu. ft. Gas

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Caliche and sand	326		
Red bed	1665		
Red bed and blue shale	1874		
Red bed and lime	1900		
Anhydrite	2035		
Red bed	2090		
Salt, anhydrite, and shells	2716		
Salt and anhydrite	3000		
Salt, anhydrite, and shells	3129		
Anhydrite	3726		
Lime anhydrite	4475		
Lime	5175	T.D.	

Log. No. 3870

NEW MEXICO SCHOOL OF MINES
STATE BUREAU OF MINES AND MINERAL RESOURCES
SOCORRO, NEW MEXICO

WELL LOG DIVISION

COUNTY Lea
FIELD Wildecat
COMPANY El Paso Natural Gas Company
LEASE Ginsberg Well No. 1
LOCATION (4) S E NW
SEC. 7 T. 25 S R. 38 E
1980 feet from north line and
560 feet from west line of Section
COMMENCED 9-9-43
COMPLETED 5-29-44
ABANDONED
REMARKS:

CASING RECORD		ELEVATION	FEET
Diam., in	Bottom	3106	
13"	280'		
9 5/8"	2745'		
		INITIAL DAILY PRODUCTION:	
		Open	bbls. Oil
		Open P. & A.	cu. ft. Gas
		Tbg.	bbls. Oil
		Tbg.	cu. ft. Gas

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Caliche	50		
Red rock	980		
Anhydrite and shale	1150		
Salt and anhydrite	2640		
Anhydrite and shale	2750		
Lime, sand and shale	2890		
Lime, anhydrite and shale	3540		
Lime and sand	3900		
Lime and shale	4180		
Lime with streaks chert	5410		
Lime and shale	5800		
Lime	6450		
Lime and sand	6600		
Lime	7950		
Lime and shale	8180		
Black and brown shale	8400		
Lime and chert	8840		
Black shale	9420		
White lime	9600		
Lime and chert	10,150		
Brown lime	10,380		
Lime and chert	10,420		
Lime	10,540		
Lime and chert	10,680		
Lime	10,710		
Lime and chert	11,014	T.D.	

Log. No. 3892

NEW MEXICO SCHOOL OF MINES
STATE BUREAU OF MINES AND MINERAL RESOURCES
SOCORRO, NEW MEXICO

WELL LOG DIVISION

CASING RECORD		ELEVATION	FEET
Diam., in	Bottom		
		4058	
INITIAL DAILY PRODUCTION:			
	Open	87	bbls. Oil
	Open		cu. ft. Gas
	Tbg.		bbls. Oil
	Tbg.		cu. ft. Gas

COUNTY Lea
FIELD Vacuum
COMPANY American Republics Corp.
LEASE State "B" Well No. 1
LOCATION (4) SE NE
SEC. 33 T. 17 S. R. 34 E
1980 feet from north line and
660 feet from east line of Section
COMMENCED 4-15-44
COMPLETED 6-6-44
ABANDONED
REMARKS:

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Red beds, shale, sand, and red rock	1488		
Red rock and anhydrite	1540		
Anhydrite	1705		
Salt shells	1895		
Salt	2550		
Salt and anhydrite	2690		
Anhydrite and salt	2813		
Anhydrite	3424		
Anhydrite and gypsum	3464		
Anhydrite	3483		
Anhydrite and gypsum	3670		
Lime and anhydrite	3716		
Broken lime	3802		
Gray lime	4590		
Brown lime	4600		
Soft brown lime	4614		
Brown lime and gypsum	4624		
Brown lime	4685	T.D.	

Log. No. 3884

NEW MEXICO SCHOOL OF MINES
STATE BUREAU OF MINES AND MINERAL RESOURCES
SOCORRO, NEW MEXICO

WELL LOG DIVISION

CASING RECORD		ELEVATION	FEET
Diam., in	Bottom		
13 3/8"	301'	Surface	4126
8 5/8"	2217'	Initial Daily Production	4136
		Open	bbls. Oil
		Open	cu. ft. Gas
		Tbg.	bbls. Oil
		Tbg.	cu. ft. Gas

COUNTY Lea
FIELD Wildcat
COMPANY Magnolia Petroleum Company
LEASE State "U" Well No. 1
LOCATION (4) NE SW
SEC. 10 T. 11S R. 35E
1980 feet from south line and
1980 feet from west line of Section
COMMENCED 2-23-44
COMPLETED 4-8-44
ABANDONED
REMARKS:

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Substructure	10		
Caliche sand	175		
Gray shale and lime	220		
Red shale	330		
Red sand	340		
Red and gray shale	430		
Red shale and sand	1340		
Red and gray shale and lime	1600		
Red shale and lime	2218		
Anhydrite and lime	2570		
Salt, shale and anhydrite	3610		
Anhydrite, shale and sand	4220		
Lime and anhydrite	4760		
Lime	4980		
Porous lime	5114		
Lime	5505	T. D.	

DST 4970-5019' - Open 30 min.
Rec. 7' drilling mud. Cored 5104-
5114. Rec. 2" very hard dense
brown dolomite; water satined
with string gas odor.

DST 5042-5114'. Tool open 30
min. Fair blow of air throughout.
Rec. 345' of salt water and gas
cut drilling mud.

Best porosity from 5050 to
5085'.

DEVIATION RECORD

Straight @ 1800'
2720' ~ 1 degree
3000' - 1/2 "
3600' - 1/2 "
Straight @ 4300'

NEW MEXICO SCHOOL OF MINES
STATE BUREAU OF MINES AND MINERAL RESOURCES
SOCORRO, NEW MEXICO

WELL LOG DIVISION

CASING RECORD	
Diam., in	Bottom
9 5/8"	190'

ELEVATION	FEET
INITIAL DAILY PRODUCTION:	
Open	384 bbls. Oil
Open	cu. ft. Gas
Tbg.	bbls. Oil
Tbg.	cu. ft. Gas

Coral 51 Log. No. 3906

COUNTY Lea
FIELD Hobbs
COMPANY Samedan Oil Corporation
LEASE Turner "B" Well No. 2
LOCATION (4) SE
SEC. 34 T. 18 S. R. 38 E
400 feet from south line and
1190 feet from east line of Section
COMMENCED 5-11-44
COMPLETED 6-5-44
ABANDONED
REMARKS:

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Caliche and packed sand	35		
Lime	40		
Water sand	55		
Sand and clay	135		
Water sand	181		
Red beds	190		
Shale and sand	210		
Red beds	1355		
Shale and shells	1575		
Red rock	1618		
Anhydrite	1775		
Salt	1874		
Salt and red bed	2016		
Salt and anhydrite	2443		
Salt	2829		
Anhydrite	2860		
Anhydrite and salt streaks	2930		
Anhydrite	2990		
Brown lime and anhydrite	3062		
Lime and anhydrite	3105		
Anhydrite and gypsum	3155		
Lime and anhydrite	3177		
Lime	3205		
Anhydrite and lime	3240		
Anhydrite and lime	3595		
Lime	3634		
Anhydrite and lime	3672		
Lime	4181		
Broken lime	4211		
Lime	4225		
Brown lime	4233 T.D.		

Pay - 4225-4233

ACID TREATMENT

500 gal. 6-6-44 4225-4228

NEW MEXICO SCHOOL OF MINES
STATE BUREAU OF MINES AND MINERAL RESOURCES
SOCORRO, NEW MEXICO

WELL LOG DIVISION

CASING RECORD		ELEVATION			FEET
Diam., in	Bottom				
10 3/4"	478'	3416	Ground		
5 1/2"	3715'	3414	Bradenhead		
2"	3652'	3426	DF		
INITIAL DAILY PRODUCTION:					
		Open	136	bbls. Oil	
		Open		cu. ft. Gas	
		Tbg.		bbls. Oil	
		Tbg.		cu. ft. Gas	

Log. No. 3900

COUNTY Lea
FIELD Arrowhead
COMPANY Humble Oil & Refining Co.
LEASE State "X" Well No. 7
LOCATION (34)
SEC. 19 NE 22S . R. 37E
1980 feet from north line and
1980 feet from east line of Section
COMMENCED 4-4-44
COMPLETED 4-26-44
ABANDONED
REMARKS:

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Sand and caliche	132		
Sand and shells	288		
Red beds	710		
Red beds and sand	928		
Red beds and shale	1150		
Gypsum	1217		
Anhydrite and shale	1622		
Anhydrite and salt	2240		
Anhydrite and shale	2554		
Anhydrite and gypsum	2860		
Anhydrite	2935		
Anhydrite and lime	2986		
Lime	3024		
Anhydrite	3067		
Anhydrite and lime	3103		
Lime and shale	3147		
Anhydrite and lime	3325		
Lime	3694		
Gray lime	3719		
Lime	3728 T.D.		

ACID TREATMENT

2000 gals. 5-1-44 3670-3710
2000 gals. 5-9-44 3670-3700

DEVIATION TESTS

250 0°
1050 1/2°
1270 0°
1424 1/2°
1900 3/4°
2050 1°
2250 1 1/4°
2400 1°
3000 1 1/4°
3550 3/4°

WILDLIFE CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

July 19, 1944

Hobbs Daily News
Hobbs, New Mexico

Gentlemen:

On July 7th the Commission sent you legal advertisements in Cases 51 and 54, and on July 13th Case 55, with request in big type "UPON COMPLETION OF PUBLICATION PLEASE SEND PUBLISHER'S AFFIDAVIT".

These affidavits have not been received. Please check these and forward immediately.

Very truly yours,

John M. Kelly
Director

By

Chief Clerk & Legal Adviser.

CHL:MS

C
O
P
Y

NATIONAL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

July 7, 1944

The Santa Fe New Mexican
Santa Fe, New Mexico

Hobbs Daily News
Hobbs, New Mexico

Artesia Advocate
Artesia, New Mexico

Re: Case No. 51, Notice for Publication

Gentlemen:

Please publish the enclosed notice once, immediately.
Please proof read the notice carefully and send a copy of
the paper carrying such notice.

UPON COMPLETION OF THE PUBLICATION, PLEASE SEND
PUBLISHER'S AFFIDAVIT.

For payment please submit statement in duplicate
accompanied by voucher executed in duplicate. The vouchers
must be signed by a notary in the space provided on the back
of the voucher. The necessary voucher blanks are enclosed.

Very truly yours,

John M. Kelly
Director

By

Chief Clerk & Legal Advisor

CHL:MS

C
O
P
Y

PLEASE REGISTER

THOSE ATTENDING HEARINGS AUG. 4, 1944

NAME	COMPANY	ADDRESS
R.E. Nelson Jr.	✓	Tulsa
W.H. Henderson	✓	Midland
George W. Selinger	Bkelly Oil Co	Tulsa Okla.
Oil Spence	Slickin Prairie	Midland Tex
H.B. Hurley	CONTINENTAL OIL CO	FORT WORTH, TEX.
R. Van H. Mills	" " "	Powder City, Okla.
J.M. Dally	Head & Miller	Borger Tex
A. Kuekerboeck	Head & Miller Fred Turner Jr.	Borger, Texas Midland, Tex.
J.M. Zachary	Niulle & Penrose, Inc	Ft Worth "
Hamilton McLee	Fred Turner Jr	Midland, Texas
Frank S. Gendall	Slickin Prairie	Midland, Tex
H.L. Thompson	Slickin Prairie	Midland, Texas
J.W. House	Humble Oil	MIDLAND TEX
V.C. Haley	Humble Oil & Ref.	Midland Tex
Louis P. Payson	n.m. oil & gas assoc	Rosemead, Cal.
Charles E. Work	Oak Leaf Oil Co	San Antonio, Tex
James H. Smith	General Land Office	Midland Tex
John R. Smith	Magnum Petroleum	Midland Tex
John R. Smith	Magnum Petroleum	Midland Tex
L.P. Thompson	Magnum Petroleum	Midland Tex
W.K. Quinn	Gulf Oil Corp	Hobbs, N.Mex.
R.F. Bess	Gulf Oil Corp	Hobbs, N.Mex.
D.G. Gallagher	The Texas Co	Ft. Worth, Tex.
A.E. Wilking	Sea-View, Inc	Hobby, N.Mex.
Glenn Skelley	Standard Oil of Texas	Houston, Tex
Harry Harrison	Standard Oil of Texas	San Antonio, Tex
C.W. Faris	Shell Oil Co	Midland, Tex

PLEASE REGISTER

NAME	COMPANY	ADDRESS
WELDON BRIGANCE	ROMAN DRILLING CO	14 HONG H TEXAS
Roy O. Yarbrough	oil cons com	Hall's 21 411
E. H. Fort	Phucip. Petroleum Co	Ammonia, D. L. S.
Frank Turner Jr	Independent	Midland, Texas
D. R. McKeithan	Phillips Pet. Co	Bartholomew, Tex

TELEGRAM

Send as DAY LETTER

AUGUST 2 1944

MR. JOHN M. KELLY
SECRETARY, OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

SORRY UNABLE ATTEND HEARING. REGARDING CASE 51 THE ATLANTIC REFINING COMPANY HAS NO OBJECTION FILING ANY ELECTRIC LOG OF WELL WITH COMMISSION PROVIDED SUCH SURVEY HAS BEEN MADE ON WELL DRILLED BY COMPANY AND PROVIDED SUCH LOG WILL BE KEPT CONFIDENTIAL FOR PERIOD OF NINETY DAYS AFTER FILING UPON REQUEST OF COMPANY. ASSUME FROM CALL NO INTENTION TO REQUIRE RUNNING ELECTRICAL LOGS TO WHICH PROCEDURE WE WOULD SERIOUSLY OBJECT. WE WOULD OBJECT TO REGULATION REQUIRING FILING GEOLOGISTS OR SAMPLE LOGS SINCE THEY ARE LARGELY INTERPRETATIVE AND ARE FREQUENTLY PREPARED IN MANNER MAKE DUPLICATION ONEROUS. SINCE ALL OPERATORS DO NOT PREPARE SUCH LOGS AND COULD NOT THEREFORE FILE THEM REGULATION REQUIRING OTHERS TO DO SO WOULD BE DISCRIMINATORY AND UNFAIR. REGULATIONS NOW PERMIT COMMISSION OBTAIN ALL SAMPLE CUTS AND INTERPRETATIVE LOGS CAN BE PREPARED BY BUREAU OR COMMISSION IF DESIRED. THIS WIRE MAY BE INCLUDED IN MINUTES OF HEARING AS ATLANTICS TESTIMONY IN CASE.

THE ATLANTIC REFINING COMPANY
BY EDGAR KRAUS

Confirmation

Date 8-2-44

Time 2:00

Dictated by EK

Department E&DG

No. Words APPROX. 100

Charge to THE ATLANTIC REFINING CO.
(Name of Company)

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea

Thomas L. Summers
Publisher

Of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not in a supplement thereof for a

period of

One week

beginning with the issue dated

July 12, 1944

and ending with the issue dated

July 19, 1944

Thomas L. Summers
Publisher.

Sworn and subscribed to before me

this *12th* day of

July, 1944

Blanche Mungin
Notary Public.

My commission expires

June 25, 1946

(Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

(July 12, 1944)
NOTICE FOR PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION

The Oil Conservation Commission, by law invested with jurisdiction as the oil and gas regulatory body of the State of New Mexico, hereby gives notice of

the following hearing to be held at Santa Fe, New Mexico:

Case No. 51

In the matter of the application of the New Mexico Oil Conservation Commission for an order revising the rules and regulations of the Commission as to Well Records and Well Records (Form O-195); to require the filing with the Commission, by the operator's log and any other log made or taken; and to require the delivery of a sample cut to the State Bureau of Mines when requested by the Commission. This case is set for 10 A. M., August 4, 1944.

(Note: The information required by existing rules is frequently incomplete and insufficient for study and correlation by the Commission in conjunction with the State Bureau of Mines.)

Any person having any interest in the subject of said hearing is entitled to be heard.

The foregoing Notice of Publication was made pursuant to the direction of the Commission at its Executive Meeting July 6, 1944.

Given under the seal of said Commission at Santa Fe, New Mexico, on July 7, 1944.

OIL CONSERVATION
COMMISSION

By (Sgd.) JOHN M. KELLY,
SECRETARY

65 D 10

PROOF OF PUBLICATION

STATE OF NEW MEXICO }
County of Eddy } ss.

A. L. BERT, being duly sworn deposes and says that he is the editor of
THE ARTESIA ADVOCATE, a newspaper published in Artesia, Eddy
County, New Mexico, that the notice of Publication of

Case No. 51

a copy of which is hereto attached was first published in said newspaper
in its issue dated July 13, 1944
and was published in the weekly issue of said newspaper, and not in any
supplement, thereafter for the full period of 0 @ 0 consecutive
weeks, the last publication thereof being in the issue dated

A. L. Bert

Subscribed and sworn to before me on 7-13-44

James L. Burke
Notary Public

Publishers Fees \$5.00 My Commission Expires December 24, 1945

NOTICE FOR PUBLICATION STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

The Oil Conservation Commission, by law invested with jurisdiction as the oil and gas regulatory body of the State of New Mexico, hereby gives notice of the following hearing to be held at Santa Fe, New Mexico:

Case No. 51

In the matter of the application of the New Mexico Oil Conservation Commission, upon its own motion, for an order requiring the owner and registrant of the Commission as to Well Number and Well Head (Hydro-Cut) to require the filing with the Commission any production log and any electric log made or taken; and to require the delivery of a sample cut in the State Bureau of Mines when requested by the Commission. This case is set for 10 A. M., August 4, 1944.

(Note: The information required by existing rules is frequently incomplete and insufficient for study and correlation by the Commission in conjunction with the State Bureau of Mines).

Any person having any interest in the subject of said hearing is entitled to be heard.

The foregoing Notice of Publication was made pursuant to the direction of the Commission at its Executive Meeting July 6, 1944.

Given under the seal of said Commission at Santa Fe, New Mexico, on July 7, 1944.
(SEAL)

OIL CONSERVATION
COMMISSION,
By (Signed) JOHN M. KELLY,
Secretary.

23-14

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION
 The Oil Conservation Commission, by law created, and composed of the oil and gas regulatory body of the State of New Mexico, hereby gives notice of the following hearing to be held at Santa Fe, New Mexico:

CASE No. 31

In the matter of the application of the New Mexico Oil Conservation Commission, upon its own motion, for an order revising the rules and regulations of the Commission as to Well Record and Well Record (Form O-106); to require the filing with the Commission any geologist's log and any electric log made or taken; and to require the delivery of a sample out to the State Bureau of Mines when requested by the Commission. This case is set for 10 a.m., August 4, 1944.

(Note: The information required by existing rules is frequently incomplete and insufficient for study and correlation by the Commission in conjunction with the State Bureau of Mines.) Any person having any interest in the subject of said hearing is entitled to be heard.

The foregoing Notice of Publication was made pursuant to the direction of the Commission at its Executive Meeting July 6, 1944.

Given under the seal of said Commission at Santa Fe, New Mexico, on July 7, 1944.

OIL CONSERVATION
COMMISSION

By (Seal) JOHN M. KELLY, Secretary.
 Pub. July 10, 1944.

at \$ 3.76

lines, times, \$

Tax \$

Total \$ 3.76

Received payment,

By _____

Affidavit of Publication

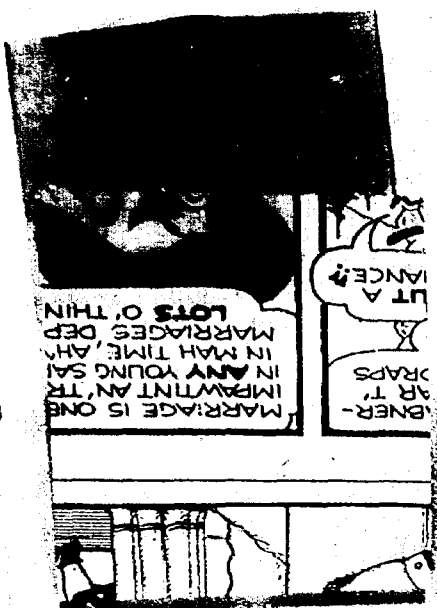
State of New Mexico, } ss.
 County of Santa Fe }

I, C. B. Floyd, being first duly sworn, declare and say that I am the (Business Manager) (~~Editor~~) of the Santa Fe New Mexican, a daily newspaper, published in the English Language, and having a general circulation in the City and County of Santa Fe, State of New Mexico, and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 of the Session Laws of 1937; that the publication, a copy which is hereto attached, was published in said paper ~~once each week~~ for one time ~~once each week~~ and on the same day of each week in the regular issue of the paper during the time of publication, and that the notice was published in the newspaper proper, and not in any supplement, ~~once each week~~ for one time ~~once each week~~ weeks consecutively, the first publication being on the 10th day of July, 1944, and the last publication ~~on the~~ 10th day of July, 1944; that payment for said advertisement has been (duly made), or (assessed as court costs); that the undersigned has personal knowledge of the matters and things set forth in this affidavit.

[Signature]
 Manager
 Subscribed and sworn to before me, this 10th day of July, A.D., 1944
[Signature]
 Notary Public.

My Commission expires

June 11, 1945



Affidavit of Publication

State of New Mexico, } ss.
County of Santa Fe }

I, C. B. Floyd, being first duly sworn, declare and say that I am the (Business Manager) (~~Editor~~) of the Santa Fe New Mexican, a daily newspaper, published in the English Language, and having a general circulation in the City and County of Santa Fe, State of New Mexico, and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 of the Session Laws of 1937; that the publication, a copy which is hereto attached, was published in said paper ~~once each week~~ for one time ~~consecutively~~ on the same day of each week in the regular issue of the paper during the time of publication, and that the notice was published in the newspaper proper, and not in any supplement, ~~once each week~~ for one time ~~consecutively~~ on the same day of each week the first publication being on the 10th day of July, 1944, ~~and thereafter~~ and thereafter ~~consecutively~~ consecutively; that payment for said advertisement has been (duly made), or (assessed as court costs); that the undersigned has personal knowledge of the matters and things set forth in this affidavit.

[Signature] Manager
Subscribed and sworn to before me, this 10th day of July, A.D., 1944
[Signature] Notary Public.

My Commission expires June 11, 1945

PUBLISHER'S BILL

47 lines, one time at \$ 3.76
_____ lines, _____ times, \$ _____
Tax \$ _____
Total \$ 3.76

Received payment, _____
By _____

NOTICE FOR PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

The Oil Conservation Commission, by law invested with jurisdiction as the oil and gas regulatory body of the State of New Mexico, hereby gives notice of the following hearing to be held at Santa Fe, New Mexico:

Case No. 51

In the matter of the application of the New Mexico Oil Conservation Commission, upon its own motion, for an order revising the rules and regulations of the Commission as to Well Record and Well Record (Form C-105); to require the filing with the Commission any geologist's log and any electric log made or taken; and to require the delivery of a sample cut to the State Bureau of Mines when requested by the Commission. This case is set for 10 A.M., August 4, 1944.

(Note: The information required by existing rules is frequently incomplete and insufficient for study and correlation by the Commission in conjunction with the State Bureau of Mines).

Any person having any interest in the subject of said hearing is entitled to be heard.

The foregoing Notice of Publication was made pursuant to the direction of the Commission at its Executive Meeting July 6, 1944.

Given under the seal of said Commission at Santa Fe, New Mexico, on July 7, 1944.

OIL CONSERVATION COMMISSION

BY (SGD)  JOHN R. KELLY
SECRETARY

(SEAL)