

CASE 4645: Application of ACOMA
OIL CORP. FOR DOWN-HOLE COMMING-
LING, LEA COUNTY, NEW MEXICO.

Case Number

4645

Application

Transcripts

Small Exhibits

ETC.

dearnley-meier reporting services

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS
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BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO
January 19, 1972

EXAMINER HEARING

IN THE MATTER OF:

Application of Acoma
Oil Corporation for
down-hole commingling
Lea County, New Mexico

Case No. 4645

BEFORE:

Daniel S. Nutter, Alternate Examiner.

TRANSCRIPT OF HEARING

1 MR. NUTTER: Case 4645.

2 MR. HATCH: Case 4645, Application of Acoma Oil Cor-
3 poration for down-hole commingling, Lea County, New Mexico.

4 MR. LOPEZ: I am Owen Lopez, Montgomery, Federici,
5 Andrews, Hannahs & Morris, Santa Fe, New Mexico, for the
6 Applicant, and I have one witness.

7 SAM W. HOGAN

8 a witness, having been first duly sworn according to law, upon
9 his oath, testified as follows:

10 DIRECT EXAMINATION

11 BY MR. LOPEZ

12 Q Would you please state your name, residence, occupation?

13 A Sam W. Hogan, Fort Worth, Texas.

14 I am a Consulting Petroleum Engineer.

15 Q Have you previously testified before the Commission and
16 have your qualifications been accepted as a matter of
17 record?

18 A Yes, they have.

19 MR. LOPEZ: Are his qualifications acceptable, Mr.
20 Examiner?

21 MR. NUTTER: Yes.

22 Q (By Mr. Lopez) I hand you what has been marked Acoma Exhibit
23 1 in this case, and I ask you to identify it?

24 A This is a request for exception to Rule 303A for down-hole
25 commingling on our S. J. Sarkeys A Well No. 1 from the

1 Drinkard Pool and Wantz-Abo Pool in Lea County, New Mexico.

2 Q I see. And attached to your cover letter in this exhibit
3 are the necessary forms for obtaining administrative
4 approval generally in cases of this type?

5 A That is right, yes.

6 Q Now, I hand you what has been marked Exhibit No. 2, and
7 ask you to identify that if you would?

8 A That is an extrapolation of the production from the two
9 zones in order to show the depletion time and the
10 depletion date of these wells, the production on these
11 wells.

12 It can be used also to--as a guide for adjusting the
13 production from monthly, from these wells as they are
14 commingled down-hole.

15 Q Is it your understanding that this case was set for hearing
16 because this is a triple hole completion rather than a
17 dual completion?

18 A Yes, that is right.

19 Q Do you have anything further to add to the exhibits you
20 have introduced?

21 A No, sir, I do not.

22 MR. LOPEZ: Mr. Examiner, I would at this time move
23 for the introduction of Exhibits No. 1 and 2 in this case.

24 MR. NUTTER: Exhibits 1 and 2 will be admitted in
25 evidence.

1 Mr. Hogan, with reference to your Exhibit No. 2, it would
2 appear that the decline of the Abo and the Drinkard zones, as
3 extrapolated by you on this exhibit, would make it seem that
4 approximately half of the amount of the Abo production from
5 month to month would be released from the Drinkard also; is
6 this correct?

7 A I believe that would be correct, yes.

8 Q So, for the purposes of future statistical purposes, it
9 would probably be about right to attribute one-third of
10 the production to the Drinkard and two-thirds of the
11 production to the Abo? The Drinkard runs about half Abo
12 right across the board.

13 A Yes.

14 Q About sixty-seven percent Abo and thirty-three percent
15 Drinkard, the allowable would also be assigned in
16 accordance with that determination?

17 A Yes.

18 Q The third zone in the well would continue to be operated
19 as a single completion; is that correct?

20 A That is the present plans.

21 Q Is there a pressure differential or other production
22 problem connected with the Drinkard or Abo that would
23 render throwing these zones together impracticable?

24 A I don't feel they are. In other words, I don't believe
25 there is any reason for not doing it, not pressure-wise

1 and gas volumes and so forth. I think it would be very
2 compatible to commingle them.

3 Q They are both pumped?

4 A They both are flowing at the present time.

5 Q I see. But--o.k.

6 MR. NUTTER: Are there any further questions of Mr.
7 Hogan? You may be excused.

8 Does anyone have anything they wish to offer in Case
9 4645?

10 We will take the case under advisement and go to Case
11 4648.

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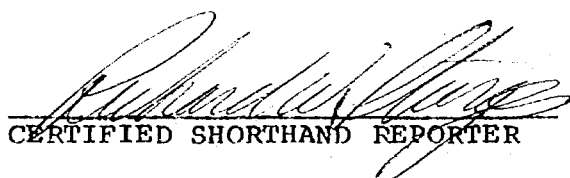
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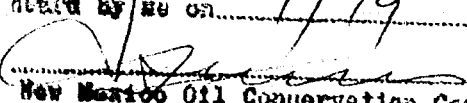
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1 STATE OF NEW MEXICO)
2) ss.
3 COUNTY OF BERNALILLO)

4 I, RICHARD STURGES, a Certified Shorthand Reporter, in and
5 for the County of Bernalillo, State of New Mexico do hereby
6 certify that the foregoing and attached Transcript of Hearing
7 before the New Mexico Oil Conservation Commission was reported
8 by me; and that the same is a true and correct record of the
9 said proceedings to the best of my knowledge, skill and ability.

10
11 
12 CERTIFIED SHORTHAND REPORTER

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22 I do hereby certify that the foregoing is
23 a complete record of the proceedings in
24 the Bernalillo hearing of Case No. 4645
25 heard by me on 1/19 1972

 Secretary
New Mexico Oil Conservation Commission

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

STATE OF NEW MEXICO
P. O. BOX 2088 - SANTA FE
87501

January 27, 1972

**GOVERNOR
BRUCE KING
CHAIRMAN**

**LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER**

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

Mr. Owen Lopez
Montgomery, Federici, Andrews,
Hannahs & Morris
Attorneys at Law
Post Office Box 2307
Santa Fe, New Mexico

Re: Case No. 4645
Order No. R-4248
Applicant:
Acoma Oil Corporation

Dear Sir:

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

Very truly yours,

A. L. Porter, Jr.

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC x
Artesia OCC
Aztec OCC

Other _____

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 4645
Order No. R-4248

APPLICATION OF ACOMA OIL
CORPORATION FOR DOWN-HOLE
COMMINGLING, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on January 19, 1972, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 27th day of January, 1972, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Acoma Oil Corporation, is the owner and operator of the S. J. Sarkeys A Well No. 1, a triple completion, located in Unit A of Section 26, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) That pursuant to authority granted by Administrative Order MC-1692, the subject well was completed as a triple completion to produce oil from the Blinebry, Drinkard, and Wantz-Abo Oil Pools through parallel strings of tubing.

(4) That the applicant now proposes to complete the subject well in such a manner as to produce oil from the Blinebry Oil Pool through one string of tubing and to produce the Drinkard and Wantz-Abo Pools through a single parallel string of tubing, commingling in the well-bore the production from the Drinkard and Wantz-Abo oil zones, with separation of

-2-

CASE NO. 4645

Order No. R-4248

the Blinebry zone and the commingled zones by means of a packer.

(5) That from the Drinkard zone, the subject well is capable of extremely low marginal production only.

(6) That from the Wantz-Abo zone, the subject well is capable of extremely low marginal production only.

(7) That the reservoir characteristics of the Drinkard and Abo zones are such that underground waste would not be caused by the proposed commingling.

(8) That the proposed commingling may result in the recovery of additional hydrocarbons from each of the commingled zones, thereby preventing waste, and will not violate correlative rights.

(9) That in order to allocate the commingled production to each of the commingled zones in the subject well, 33% of the commingled oil production should be allocated to the Drinkard Pool, 67% of the commingled oil production to the Wantz-Abo Pool, and 100% of the commingled gas production to the Drinkard zone.

(10) That Administrative Order MC-1692 should be placed in abeyance.

IT IS THEREFORE ORDERED:

(1) That the applicant, Acoma Oil Corporation, is hereby authorized to complete its S. J. Sarkeys A Well No. 1, located in Unit A of Section 26, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner as to produce oil from the Blinebry Pool through one string of tubing and to produce oil from the Drinkard and Wantz-Abo Pools through a single parallel string of tubing, commingling in the well-bore the production from the Drinkard and Wantz-Abo Pools, with separation of the Blinebry zone and the commingled zones by means of a packer.

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Commission Rules and Regulations insofar as said rule is not inconsistent with this order;

-3-

CASE NO. 4645
Order No. R-4248

PROVIDED FURTHER, that the applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual Gas-Oil Ratio Test Period for the Blinebry Oil Pool.

(2) That 33% of the commingled oil production shall be allocated to the Drinkard zone, 67% of the commingled oil production to the Wantz-Abo zone, and 100% of the gas production to the Drinkard zone.

(3) That the commingling in the well-bore authorized by this order shall continue only so long as the commingled production of the two zones does not exceed 50 barrels of oil per day nor 100 barrels of water per day.

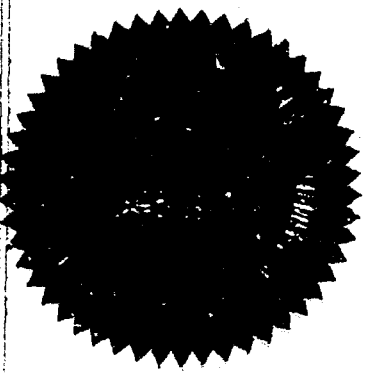
(4) That the maximum amount of gas which may be produced daily from the commingled zones in the subject well shall be determined by multiplying 2,000 by the top unit allowable for the Drinkard Pool.

(5) That Administrative Order MC-1692 is hereby placed in abeyance.

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

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


Bruce King
BRUCE KING, Chairman

Alex J. Armiijo
ALEX J. ARMIJO, Member

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

S E A L

dr/

Docket No. 2-72

DOCKET; EXAMINER HEARING - WEDNESDAY - JANUARY 19, 1972

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

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

- ALLOWABLE: (1) Consideration of the allowable production of gas for February, 1972, from fifteen prorated pools in Lea, Eddy, Roosevelt and Chaves Counties, New Mexico;
- (2) Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for February, 1972.

CASE 4645: Application of Acoma Oil Corporation for down-hole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle production from the Drinkard Pool and Wantz-Abo Pool in the well-bore of its S. J. Sarkeys A Well No. 1, a triple completion, located in Unit A of Section 26, Township 21 South, Range 37 East, Lea County, New Mexico.

CASE 4648: Application of Aztec Oil & Gas Company for an unorthodox well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the off-pattern unorthodox location for its Vasaly Federal Well No. 1-Y to be located 790 feet from the North line and 1795 feet from the West line of Section 31, Township 32 North, Range 11 West, Blanco-Mesaverde Pool, San Juan County, New Mexico.

CASE 4625: (Continued from the December 15, 1971, Examiner Hearing)
Application of Texaco Inc. for downhole commingling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle production from the Paduca-Morrow and Paduca-Wolfcamp Gas Pools in the well-bore of its Cotton Draw Unit Well No. 65 located in Unit G of Section 2, Township 25 South, Range 31 East, Eddy County, New Mexico.

CASE 4642: (Continued from the January 5, 1972, Examiner Hearing)
Application of Fluid Power Pump Company for special pool rules and a pressure maintenance project, Sandoval County, New Mexico. Applicant, in the above-styled cause, seeks the promulgation of special rules for the Media-Entrada Pool, including a provision for 160-acre spacing and proration units. Applicant further seeks authority to

(Case 4642 continued)

institute a pressure maintenance project in said pool by the injection of water into the Entrad formation through various wells located in Sections 10, 11, 22, and 23 of Township 19 North, Range 3, West, Sandoval County, New Mexico, and the promulgation of rules for said project including a procedure whereby additional injection or production wells at orthodox or unorthodox locations may be approved administratively.

CASE 4646: Application of Manning Gas and Oil Company for down-hole commingling and a non-standard proration unit, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle production from undesignated Gallup and Dakota oil pools in the well-bore of its Apache Well No. 100 to be drilled 435 feet from the North line and 475 feet from the East line of Section 3, Township 24 North, Range 4 West, Rio Arriba County, New Mexico. Applicant further seeks a procedure whereby similar approval may be granted administratively for other wells to be drilled in the area of the above-described well. Applicant further seeks approval for a non-standard 32-acre proration unit comprising all of Lot 1 to be dedicated to the above-described Well No. 100.

CASE 4647: Application of Apache Corporation for the creation of a new pool and special pool rules, Sandoval County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new pool for the production of oil from the Mesaverde formation for its Jicarilla Apache Well No. 1-7 located in the SE/4 NE/4 of Section 7, Township 22 North, Range 5 West, Sandoval County, New Mexico. Applicant further seeks the promulgation of special rules for said pool including provisions for 80-acre spacing units with wells to be drilled in the north-west or southeast quarter-quarter sections.

CASE 4650: Application of Walter W. Krug dba Wallen Production Company for an exception to Order No. R-111-A and for special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to the potash-oil area casing and cementing rules as set forth in Commission Order No. R-111-A for his Wallen Federal Well No. 2 located 990 feet from the North line and 1650 feet from the West line of Section 20, Township 20 South, Range 34 East, North Lynch Yates-Seven Rivers Pool, Lea County, New Mexico. Applicant proposes to drill and complete said well in such a manner that upon completion, the well would be equipped with a 7-inch production casing to the top of the pay and a 4 1/2-inch liner through the pay, with cement to the surface. Applicant further seeks the promulgation of special pool rules for similar casing and cementing, of all wells drilled in the above-described pool.

CASE 4649: Application of the Oil Conservation Commission on its own motion for the amendment of the gas well testing procedures promulgated by Order No. R-333-F for Northwest New Mexico. The Commission proposes to amend Chapter I of said Order No. R-333-F in such a manner as to provide that most annual deliverability and shut-in pressure tests required by said order be filed within 60 days following the completion of the test and to provide for notice to the Commission of any re-scheduling of shut-in pressure tests. The Commission further proposes to amend the ninth paragraph of Chapter II, Section 2 of said order to permit shutting in gas wells for the required shut-in test other than immediately following the 7-day deliverability flow test and to permit measuring the shut-in test pressure during the 8th to 15th day of shut-in of the well rather than on the 8th day as presently required.

CASE 4637: (Continued from the December 15, 1971, Examiner Hearing)
In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Luttrell Oil Company and all other interested persons to appear and show cause why the following-described wells in New Mexico should not be plugged and abandoned in accordance with a Commission-approved plugging program:

Luttrell Oil Company State Well No. 1 -
Unit M, Section 28, Township 2 South,
Range 26 East, De Baca County;

Luttrell Oil Company Corn Well No. 1 -
Unit A, Section 5, Township 8 South,
Range 24 East, Chaves County.

CASE 4651: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Lea and Roosevelt Counties, New Mexico.

(a) Create a new pool in Roosevelt County, New Mexico, classified as a gas pool for San Andres production and designated as the Baker-San Andres Gas Pool. The discovery well is the Cactus Drilling Corporation of Texas Kewanee State No. 2 located in Unit G of Section 9, Township 7 South, Range 35 East, NMPM. Said pool would comprise:

TOWNSHIP 7 SOUTH, RANGE 35 EAST, NMPM
SECTION 9: NE/4

(Case 4651 continued)

(b) Extend the Bluitt-San Andres Associated Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM
SECTION 15: All

(c) Extend the Littman-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 38 EAST, NMPM
SECTION 20: SE/4

(d) Extend the West Sawyer-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM
SECTION 27: SW/4

(e) Extend the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
SECTION 18: W/2

(f) Extend the Vada-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM
SECTION 36: NW/4

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM
SECTION 17: NW/4
SECTION 18: N/2

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

December 27, 1971

Case 4645

Acoma Oil Corporation
812 Continental Life Building
Fort Worth, Texas 76102

Attention: Mr. Sam W. Hogan

DOCKET ADDED

Date 1-6-72

Re: Request for Exception to
Rule 303-A - Down-hole
Commingling - per Rule 303-C
S. J. Sarkeys Lease, Well A-1
Drinkard and Wantz Abo Pools
Lea County, New Mexico

Gentlemen:

As the above-described well is completed as a triple completion, the application for down-hole commingling cannot be approved administratively. The matter is being set for hearing before an examiner on January 19, 1972.

A copy of the docket will be mailed to you at a later date.

Yours very truly,

GEORGE M. HATCH
Attorney

GMH/dr

C
O
P
Y

GENERAL OFFICE
HARRIS BUILDING
ST. PAUL, MINN.
55102

ACOMA OIL CORPORATION

812 CONTINENTAL LIFE BUILDING
FORT WORTH, TEXAS 76102

RECEIVED

DEC 20 1971

OIL CONSERVATION COMM.
SANTA FE

December 15, 1971

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.

Re: Request for Exception to Rule 303-A
Down-hole Commingling - per Rule 303-C
S. J. Sarkeys Lease, Well A-1
Drinkard and Wantz Abo Pools
Lea County, New Mexico

Gentlemen:

Acoma Oil Corporation respectfully requests administrative approval under provisions of Order No. R-3845 to commingle, in the well bore, oil production from the Drinkard Pool and the Wantz Abo Pool, which are completed as separate reservoirs in the S. J. Sarkeys A-1 well located in Unit A, Section 26, Township 21 South, Range 37 East, Lea County, New Mexico. This well was triple completed as permitted by Administrative Order No. MC-1692, dated November 29, 1965 (issued to Lankham Oil Company, predecessor to Acoma Oil Corporation).

All zones of the triple completion are oil zones. It is proposed to keep the upper zone (Blaine oil) separated from the two lower zones (Drinkard and Abo) by use of packers as presently installed in the well and to commingle only the two lower zones (Drinkard and Abo).

We believe that this well qualifies for administrative approval of down-hole commingling under provisions of Rule 303-C. The deepest perforation in the lower zone is at 7218 feet.

Attached are the following:

Form C-116 showing that the production rates for both oil and water fall within the limits specified by Rule 303-C;
Production decline curve for each zone;
Gravity of the oil and values of oils;
Current bottom hole pressures of the Abo and Drinkard zones.

Ownership of oil production in all zones in this well is common as to royalties, working interests and overriding interests.

The lease is a fee property. Copy of this application is being submitted to each of the offset operators on the attached list.

SWH:1hm
Encls.

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

Acoma EXHIBIT NO. 1

CASE NO. 4645

Yours very truly,

ACOMA OIL CORPORATION

By: *Sam W. Hogari*
Sam W. Hogari

OFFSET OPERATORS

ACOMA OIL CORPORATION

S. J. Sarkeys A Lease

Lea County, New Mexico

**Atlantic Richfield Company
P. O. Box 1978
Roswell, New Mexico**

**Getty Oil Company
P. O. Box 249
Hobbs, New Mexico**

**Gulf Oil Co. - U.S.
P. O. Box 1938
Roswell, New Mexico**

**Harper Oil Co.
904 Hightower Bldg.
Oklahoma City, Oklahoma**

**Imperial American Management Company
507 Midland Savings Bldg.
Midland, Texas**

**Mobil Oil Corporation
P. O. Box 1810
Hobbs, New Mexico**

**Pan American Petroleum Corporation
P. O. Box 68
Hobbs, New Mexico**

**Texas Pacific Oil Co., Inc.
P. O. Box 1069
Hobbs, New Mexico**

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator **Acoma Oil Corporation** Pool **Drinkard** County **Lea**

Address **812 Cont'l Life Bldg. Ft. Worth, Texas** TYPE OF TEST - (X) ☐ Scheduled ☐ Completion ☐ Special ☒

LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	STATUS	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT/BBL.
		U	S	T	R							WATER BBLs.	GRAV. OIL	OIL BBLs.	GAS M.C.F.	
S. J. Sarkeys A	1	A	26	21	37	11-8-71	F	1"	40	9	24	1	39	9	114.4	12720

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15,025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 391 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Sam W. Logan
(Signature)

Agent

(Title)

11-17-71

(Date)

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator Acoma Oil Corporation		Pool Wantz Abo				County Lea										
Address 812 Cont'l Life Bldg. Ft. Worth, Texas						TYPE OF TEST - (X)		Scheduled <input type="checkbox"/>		Completion <input type="checkbox"/>		Special <input checked="" type="checkbox"/>				
LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	STATUS	CHOKE SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT/BBL
		U	S	T	R							WATER BBLs.	GRAV. OIL	OIL BBLs.	GAS M.C.F.	
S. J. Sarkeys A	1	A	26	21	37	11/10/71	F	32/64	50	10	24	1	39	8	Tstm	---

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15,025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.


(Signature)

Agent

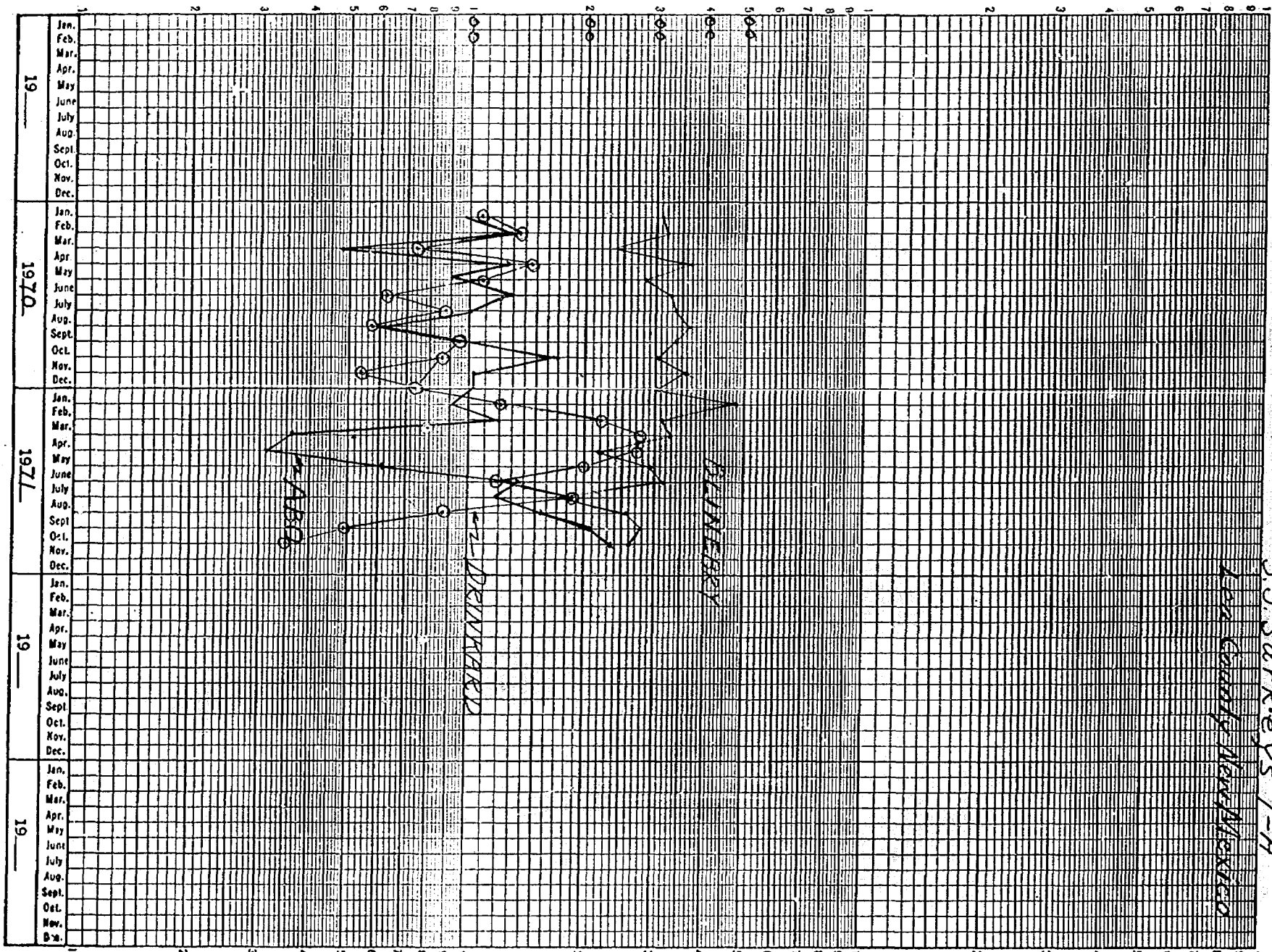
(Title)

11/17/71

(Date)

KEUFFEL & ESSER CO., N. Y. NO. 359-105
 Five Years by Months
 Semi-Logarithmic, 3 Cycles
 MADE IN U. S. A.

Barrels Oil Per Month



ACOMH OIL CORPORATION

S. J. Sarkis 1-A

1-Aa County New Mexico

ACOMA OIL CORPORATION
S. J. Sarkeys A-1

Detail Data on Gravities and Values

<u>Drinkard</u>		<u>Abo</u>	
Gravity	38.2	38.7	
Value/Bbl.	\$3.52	\$3.52	
Weighted Average of Gravities			38.45 ⁰
Weighted Average of Value per Barrel			\$3.52
Average gravity of commingled oil			38.45 ⁰
Average value of commingled oil			\$3.52

TYPE OF REPORT - (X)	
Initial Completion	
Special	
General Survey	<input checked="" type="checkbox"/>

NEW MEXICO OIL CONSERVATION COMMISSION

COPY

Form C-124
Revised 1-1-65

RESERVOIR PRESSURE REPORT

Operator Acoma Oil Corporation		Pool Drinkard Oil		County Lea		Date 11-26-71	
Address 812 Continental Life Bldg Ft. Worth, Texas		Producing Formation Drinkard Oil		Oil Gradient - psi/ft.	Water Gradient - psi/ft.	Gas Gravity .020	Datum Plane (-3050')

LEASE	WELL NO.	LOCATION				ELEV. (O) OR GAS (G)	DATE TESTED	SHUT-IN HOURS	SHUT-IN TSG. PRESS.	BOMB TEST DATA			SONIC INSTRUMENT TEST DATA*							PRESS. AT DATUM
		U	S	T	R					TEST DEPTH	B.H. TEMP. °F	OR- SERVED PRESS.	PROD. TEST (BBLs./DAY)		LIQUID LEVEL	LIQUID GRAD- IENT PSI/FT.	WT. OF LIQUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	
S.J.Sarkey A	1	A	26	21	37	GL 3387.0	11-26-71	48	559	6400'	106	655	-	-	-	-	-	-	-	656

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated frequently enough against a dead weight tester to ensure an accuracy of one per cent; gas gravity shall be determined by analysis; liquid level shall be feet above datum plane. SEE RULE 302.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

COLEMAN PETROLEUM ENG. CO.

Joe A. Coleman
(Signature)

AGENT

(Title)

11-26-71
(Date)



COLEMAN PETROLEUM ENGINEERING COMPANY

PHONE 393-3813

3713 W. MARLAND ST.

P. O. BOX 1829

HOBBS, NEW MEXICO 88240

BOTTOM HOLE PRESSURE RECORD

OPERATOR Acoma Oil Corporation

FIELD Drinkard FORMATION Drinkard Oil Depth

LEASE S. J. Sarkey A WELL No. 1

COUNTY Lea STATE New Mexico

DATE 11-26-71 TIME 9:00 Am

Status Shut In Test depth 6400'

Time S. 148.0 Hrs Last test date -

Tub Pres. 559 BHP last test -

Cas. Pres. Triple BHP change -

Elev. 3387' GL Fluid top None

Datum (-3050)(-3133) * ** * Water top None

Temp. @ 106°F Run by Gunn

Cal. No. 4586N Chart No. 1

Pressure

Gradient

0

559

-

1000

572

.013

2000

586

.014

4000

614

.014

6000

647

.017

6400

655

.020

6437(-3050) 656* **

(.020)

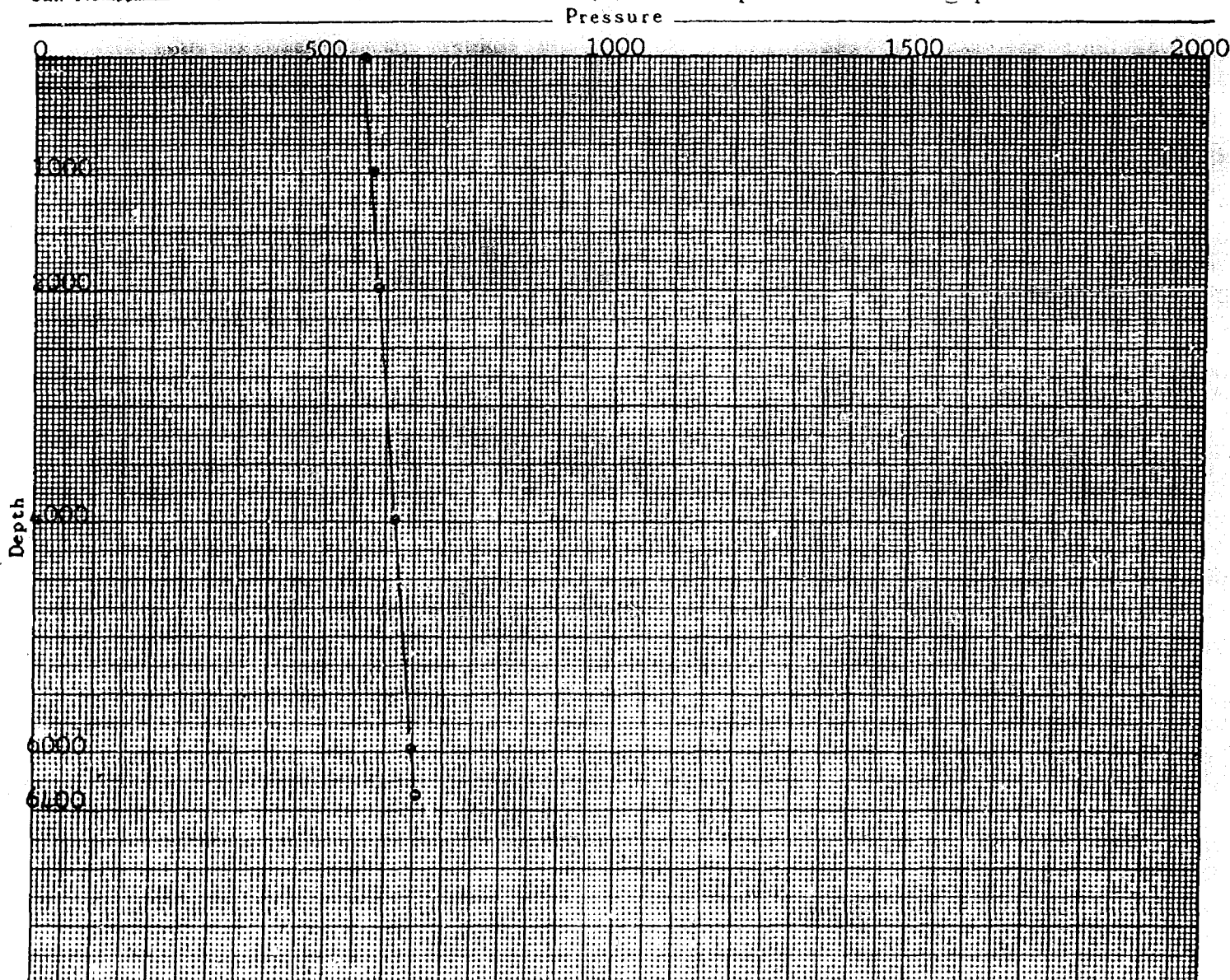
6520(-3133) 658***

(.020)

* Extrapolated pressure

** Mid point of field datum

*** Mid point of casing perforations



TYPE OF REPORT - (X)	
Initial Completion	
Special	X
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

COPY

Form C-124
Revised 1-1-65

RESERVOIR PRESSURE REPORT

Operator Acoma Oil Corporation		Pool Wantz ABO		County Lea		Date 11-26-71	
Address 812 Continental Life Bldg. Ft. Worth, Texas		Producing Formation Wantz ABO		Oil Gradient - psi/ft.		Water Gradient - psi/ft.	
				Gas Gravity .020		Datum Plane (-3750')	

LEASE	WELL NO.	LOCATION				ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT IN HOURS	SHUT- IN TSG. PRESS.	BOMB TEST DATA			SONIC INSTRUMENT TEST DATA*							PRESS. AT DATUM
											TEST DEPTH	B.H. TEMP. ° F	OB- SERVED PRESS.	PROD. TEST (BBL./DAY)		LIQUID LEVEL	LIQUID GRAD- IENT PSI/FT.	WT. OF LIQUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	
		OIL	WATER																		
S.J.Sarkey A	1	A	26	21	37	KB 3398	0	11-26-71	48	555	6690'	111	659	-	-	-	-	-	-	-	668

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated frequently enough against a dead weight tester to ensure an accuracy of one per cent; gas gravity shall be determined by analysis; liquid level shall be feet above datum plane. SEE RULE 302.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

COLEMAN PETROLEUM ENG. CO.

John A. Coleman
(Signature)

AGENT
(Title)

11-26-71
(Date)



COLEMAN PETROLEUM ENGINEERING COMPANY

PHONE 393-3813

3713 W. MARLAND ST.

P. O. BOX 1829

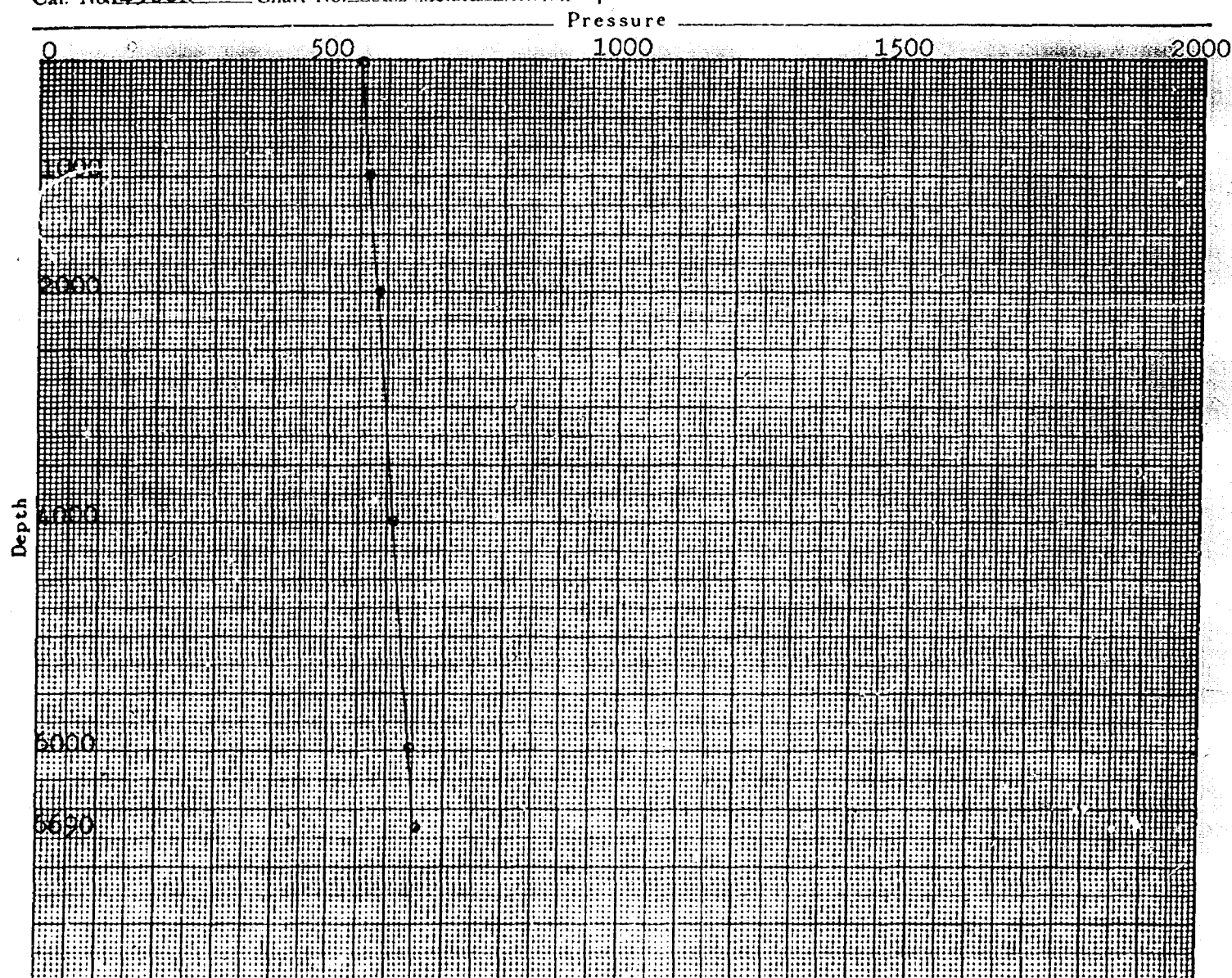
HOBBS, NEW MEXICO 88240

BOTTOM HOLE PRESSURE RECORD

OPERATOR Acoma Oil Corporation
FIELD Wantz FORMATION ABQ
LEASE S.J. Sarkey A WELL No. 1
COUNTY Lea STATE New Mexico
DATE 11-26-71 TIME 10:00 Am
Status Shut In Test depth 6690'
Time S. 1.48.0 hrs Last test date 5-8-69
Tub Pres. 555 BHP last test 645
Cas. Pres. Triple BHP change 23# Gain
Elev. 3398' KB Fluid top None
Datum (-3750') ** Water top None
Temp. @ 111°F Run by Gunn
Cal. No. 44586N Chart No. 2

Depth	Pressure	Gradient
0	555	-
1000	566	.011
2000	584	.014
4000	612	.016
6000	645	.017
6690	659	.020
7148(-3750)	668* **	(.020)

* Extrapolated pressure
** Mid point of casing perforations



GENERAL OFFICE
HAMM BUILDING
ST. PAUL, MINN.
55102

ACOMA OIL CORPORATION

812 CONTINENTAL LIFE BUILDING
FORT WORTH, TEXAS 76102

RECEIVED

DEC 20 1971

OIL CONSERVATION COMM.
SANTA FE

December 15, 1971

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.

Re: Request for Exception to Rule 303-A
Down-hole Commingling - per Rule 303-C
S. J. Sarkeys Lease, Well A-1
Drinkard and Wantz Abo Pools
Lea County, New Mexico

Case 4645

Gentlemen:

Acoma Oil Corporation respectfully requests administrative approval under provisions of Order No. R-3845 to commingle, in the well bore, oil production from the Drinkard Pool and the Wantz Abo Pool, which are completed as separate reservoirs in the S. J. Sarkeys A-1 well located in Unit A, Section 26, Township 21 South, Range 37 East, Lea County, New Mexico. This well was triple completed as permitted by Administrative Order No. MC-1692, dated November 29, 1965 (issued to Lankham Oil Company, predecessor to Acoma Oil Corporation).

All zones of the triple completion are oil zones. It is proposed to keep the upper zone (Blaine oil) separated from the two lower zones (Drinkard and Abo) by use of packers as presently installed in the well and to commingle only the two lower zones (Drinkard and Abo).

We believe that this well qualifies for administrative approval of down-hole commingling under provisions of Rule 303-C. The deepest perforation in the lower zone is at 7218 feet.

Attached are the following:

Form C-116 showing that the production rates for both oil and water fall within the limits specified by Rule 303-C;
Production decline curve for each zone;
Gravity of the oil and values of oils;
Current bottom hole pressures of the Abo and Drinkard zones.

Ownership of oil production in all zones in this well is common as to royalties, working interests and overriding interests.

The lease is a fee property. Copy of this application is being submitted to each of the offset operators on the attached list.

Yours very truly,

ACOMA OIL CORPORATION

By:

Sam W. Hogan
Sam W. Hogan

SWH:1hm
Encls.

OFFSET OPERATORS

ACOMA OIL CORPORATION

S. J. Sarkeys A Lease

Lea County, New Mexico

Atlantic Richfield Company
P. O. Box 1978
Roswell, New Mexico

Getty Oil Company
P. O. Box 249
Hobbs, New Mexico

Gulf Oil Co. - U.S.
P. O. Box 1938
Roswell, New Mexico

Harper Oil Co.
904 Hightower Bldg.
Oklahoma City, Oklahoma

Imperial American Management Company
507 Midland Savings Bldg.
Midland, Texas

Mobil Oil Corporation
P. O. Box 1810
Hobbs, New Mexico

Pan American Petroleum Corporation
P. O. Box 68
Hobbs, New Mexico

Texas Pacific Oil Co., Inc.
P. O. Box 1069
Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator Acoma Oil Corporation		Pool Drinkard				County Lea										
Address 812 Cont'l Life Bldg. Ft. Worth, Texas						TYPE OF TEST - (X)		Scheduled <input type="checkbox"/>		Completion <input type="checkbox"/>		Special <input checked="" type="checkbox"/>				
LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	STATUS	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT./BBL.
		U	S	T	R							WATER BBLs.	GRAV. OIL	OIL BBLs.	GAS M.C.F.	
S. J. Sarkeys A	1	A	26	21	37	11-8-71	F	1"	40	9	24	1	39	9	114.4	12720

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15,025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Sam W. Hogan
(Signature)
Agent
(Title)
11-17-71
(Date)

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator Acoma Oil Corporation		Pool Wantz Abo		County Lea												
Address 812 Cont'l Life Bldg. Ft. Worth, Texas				TYPE OF TEST - (X)	Scheduled <input type="checkbox"/> Completion <input type="checkbox"/> Special <input checked="" type="checkbox"/>											
LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	STATUS	CHOKE SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU. FT./BBL
		U	S	T	R							WATER BBLs.	GRAV. OIL	OIL BBLs.	GAS M.C.F.	
S. J. Sarkeys A	1	A	26	21	37	11/10/71	F	32/64	50	10	24	1	39	8	Tstm	---

No well will be assigned an allowable greater than the amount of oil produced on the official test.
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.
Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.
Report casing pressure in lieu of tubing pressure for any well producing through casing.
Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Sam W. Hogan
(Signature)

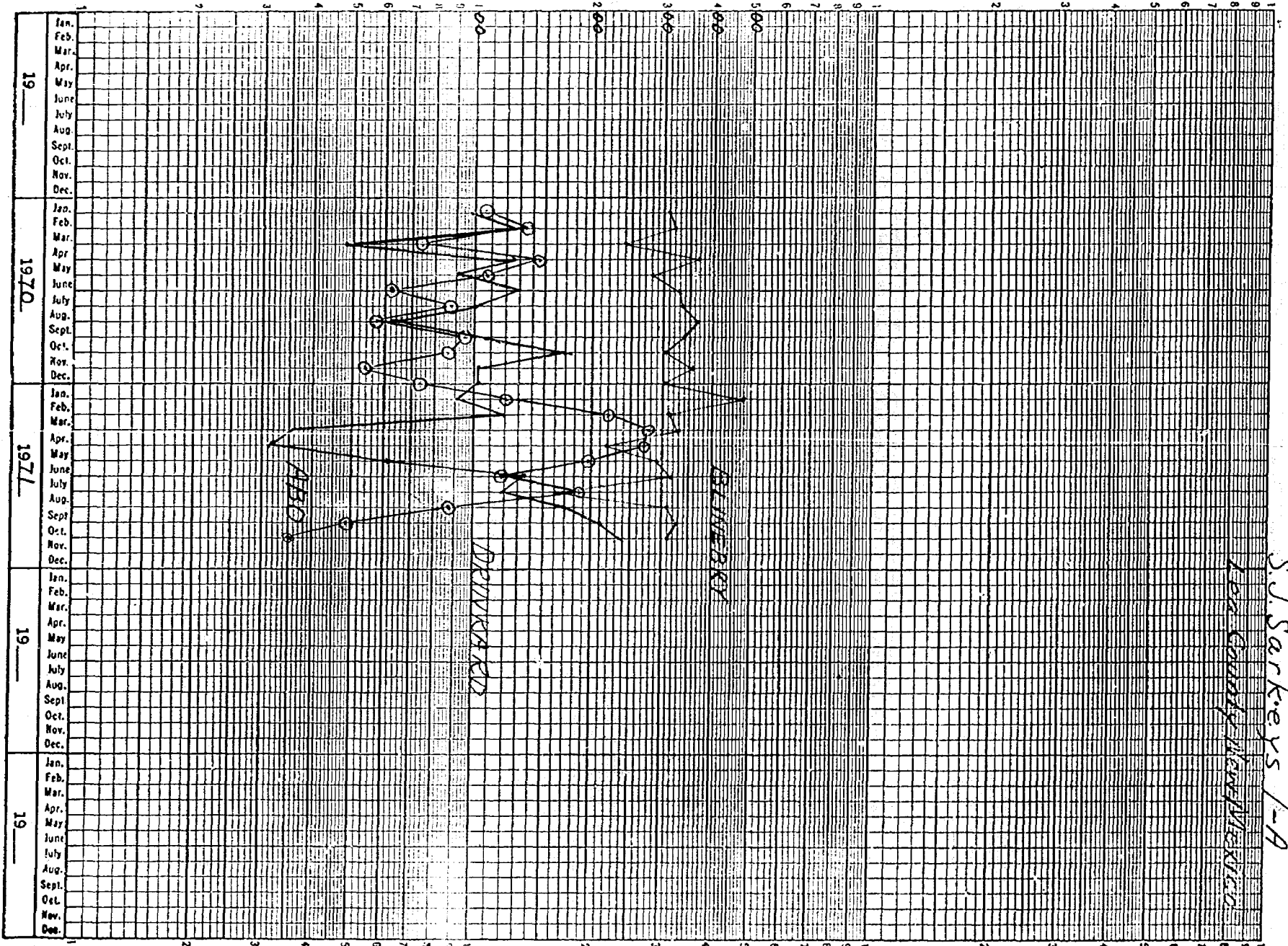
Agent

11/17/71

(Title)
(Date)

KEUFFEL & ESSER CO. N.Y. NO. 379-125
 Five Years to a Century
 Semi-Logarithmic Scale
 MADE IN U.S.A.

Barrels Oil Per Month



ACOMA OIL CORPORATION
 S.J. Sarker's 1-A
 Los Gatos, New Mexico

ACOMA OIL CORPORATION
S. J. Sarkeys A-1

Detail Data on Gravities and Values

<u>Drinkard</u>		<u>Abo</u>	
Gravity	38.2	38.7	
Value/Bbl.	\$3.52	\$3.52	
Weighted Average of Gravities			38.45 ⁰
Weighted Average of Value per Barrel			\$3.52
Average gravity of commingled oil			38.45 ⁰
Average value of commingled oil			\$3.52

TYPE OF REPORT - (X)	
Initial Completion	
Special	
General Survey	<input checked="" type="checkbox"/>

NEW MEXICO OIL CONSERVATION COMMISSION

RESERVOIR PRESSURE REPORT

COPY

Form C-124
Revised 1-1-65

Operator Acoma Oil Corporation		Pool Drinkard Oil	County Lea	Date 11-26-71
Address 812 Continental Life Bldg Ft. Worth, Texas		Producing Formation Drinkard Oil	Oil Gradient - psi/ft.	Water Gradient - psi/ft.
		Gas Gravity .020	Datum Plane (-3050')	

LEASE	WELL NO.	LOCATION				ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT IN HOURS	SHUT-IN TEG. PRESS.	BOMB TEST DATA			SONIC INSTRUMENT TEST DATA*								PRESS. AT DATUM
		TEST DEPTH	B.H. TEMP. °F	OB. SERVED PRESS.	PROD. TEST (BBL.S./DAY)						LIQUID LEVEL	LIQUID GRAD-IENT PSI/FT.	WT. OF LIQUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.							
					OIL											WATER						
S.J.Sarkey A	1	A	26	21	37	GL 3387 0	11-26-71	48	559	6400'	106	655	-	-	-	-	-	-	-	656		

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated frequently enough against a dead weight tester to ensure an accuracy of one per cent; gas gravity shall be determined by analysis; liquid level shall be feet above datum plane. SEE RULE 302.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

COLEMAN PETROLEUM ENG. CO.

John D. Coleman
(Signature)

AGENT

(Title)

11-26-71

(Date)



COLEMAN PETROLEUM ENGINEERING COMPANY

PHONE 393-3813

3713 W. MARLAND ST.

P. O. BOX 1829

HOBBS, NEW MEXICO 88240

BOTTOM HOLE PRESSURE RECORD

OPERATOR Acoma Oil Corporation

FIELD Drinkard FORMATION Drinkard Oil

LEASE S. J. Sarkey A WELL No. 1

COUNTY Lea STATE New Mexico

DATE 11-26-71 TIME 9:00 Am

Status Shut In Test depth 6400'

Time S. 148.0 Hrs Last test date -

Tub Pres. 559 BHP last test -

Cas. Pres. Triple BHP change -

Elev. 3387' GL Fluid top None

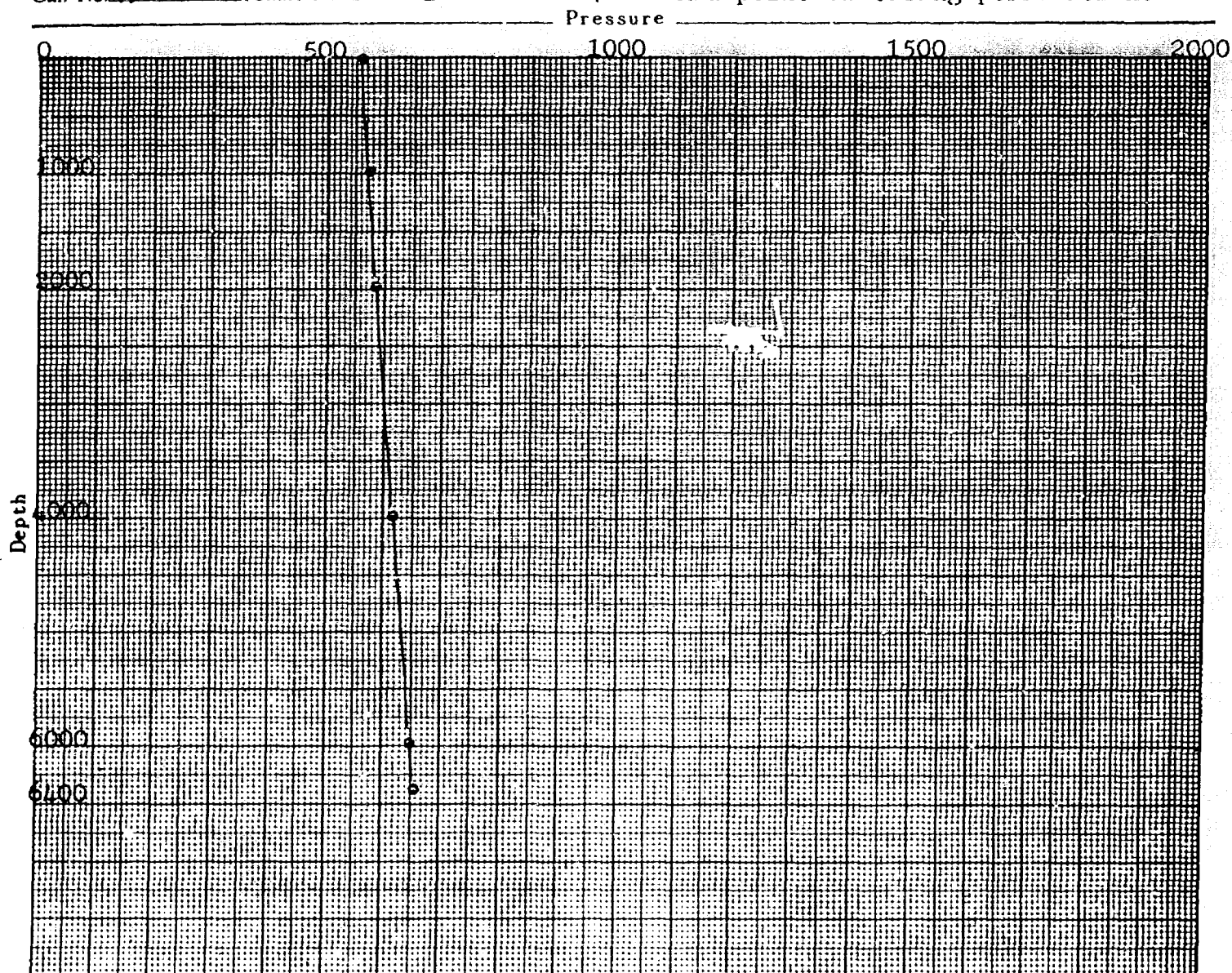
Datum -3050(-3133)*** Water top None

Temp. @ 106°F Run by Gunn

Cal. No. 4586N Chart No. 1

Depth	Pressure	Gradient
0	559	-
1000	572	.013
2000	586	.014
4000	614	.014
6000	647	.017
6400	655	.020
6437(-3050)	656* **	(.020)
6520(-3133)	658***	(.020)

* Extrapolated pressure
** Mid point of field datum
*** Mid point of casing perforations



TYPE OF REPORT - (X)	
Initial Completion	
Special	X
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

COPY

Form C-124
Revised 1-1-65

RESERVOIR PRESSURE REPORT

Operator Acoma Oil Corporation		Pool Wantz ABO		County Lea		Date 11-26-71	
Address 812 Continental Life Bldg. Ft. Worth, Texas		Producing Formation Wantz ABO		Oil Gradient - psi/ft.		Water Gradient - psi/ft.	
				Gas Gravity .020		Datum Plane (-3750')	

LEASE	WELL NO.	LOCATION				ELEV.	OIL (O) OR GAS (G)	DATE TESTED	SHUT-IN HOURS	SHUT- IN T&G. PRESS.	BOMB TEST DATA			SONIC INSTRUMENT TEST DATA*							PRESS. AT DATUM
		U	S	T	R						TEST DEPTH	B.H. TEMP. °F	OB- SERVED PRESS.	PROD. TEST (DBLS./DAY)		LIQUID LEVEL	LIQUID GRAD- IENT PSI/FT.	WT. OF LIQUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.	
														OIL	WATER						
S.J.Sarkey A	1	A	26	21	37	KB 3398	0	11-26-74	8	555	6690'	111	659	-	-	-	3	-	-	-	668

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated frequently enough against a dead weight tester to ensure an accuracy of one per cent; gas gravity shall be determined by analysis; liquid level shall be feet above datum plane. SEE RULE 302.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

COLEMAN PETROLEUM ENG. CO.

Joe A. Coleman
(Signature)

AGENT

(Title)

11-26-71

(Date)



COLEMAN PETROLEUM ENGINEERING COMPANY

PHONE 393-3613

3713 W. MARLAND ST.

P. O. BOX 1829

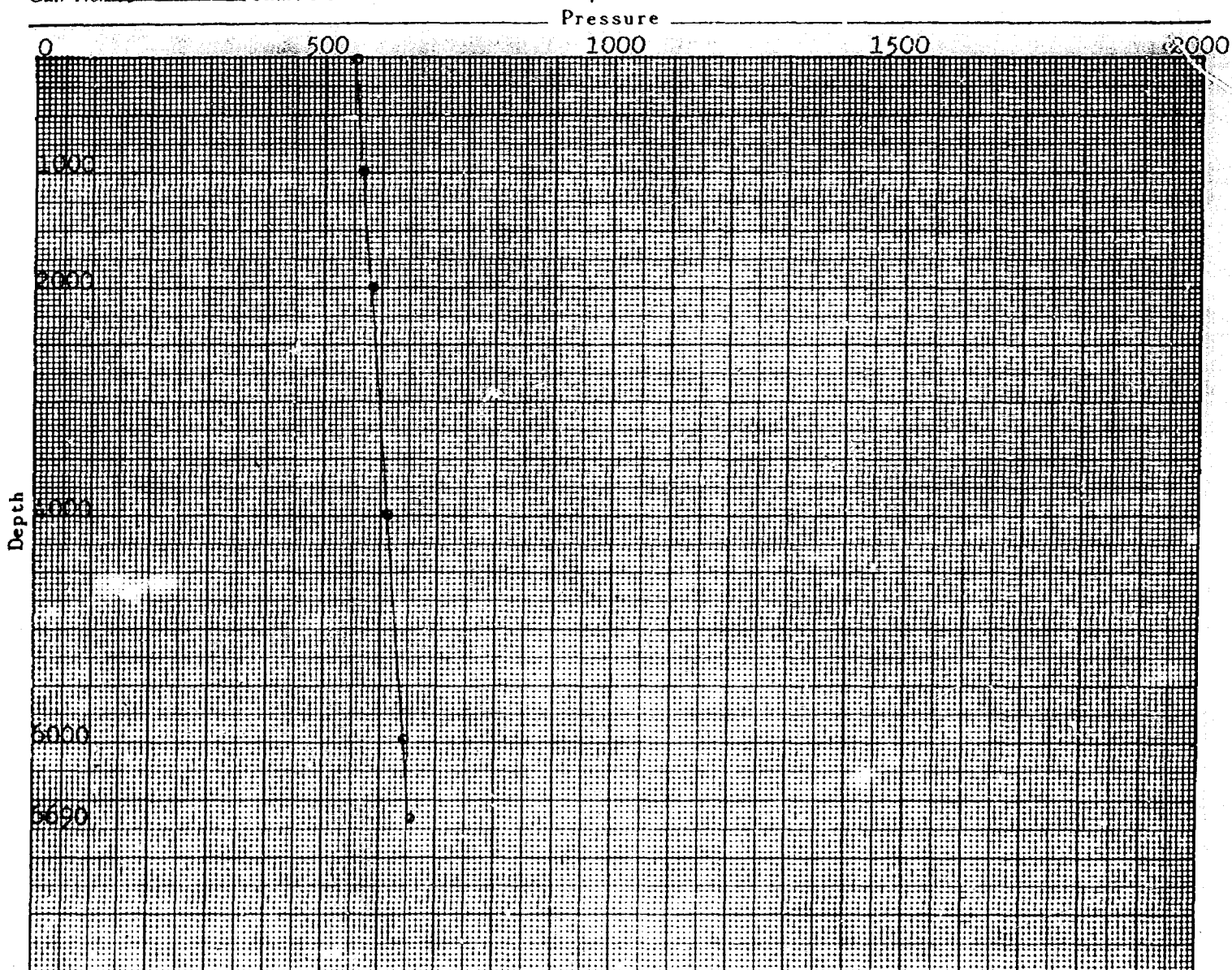
HOBBS, NEW MEXICO 89240

BOTTOM HOLE PRESSURE RECORD

OPERATOR Acoma Oil Corporation
FIELD Wantz FORMATION ABO
LEASE S.J. Sarkey A WELL No. 1
COUNTY Lea STATE New Mexico
DATE 11-26-71 TIME 10:00 Am
Status Shut In Test depth 6690'
Time S. 148.0 hrs Last test date 5-8-69
Tub Pres. 555 BHP last test 645
Cas. Pres. Triple BHP change 23# Gain
Elev. 3398' KB Fluid top None
Datum (-3750') ** Water top None
Temp. @ 111°F Run by Gunn
Cal. No. 4586N Chart No. 2

Depth	Pressure	Gradient
0	555	-
1000	566	.011
2000	584	.014
4000	612	.016
6000	645	.017
6690	659	.020
7148 (-3750)	668* **	(.020)

* Extrapolated pressure
** Mid point of casing perforations



DRAFT

GMH/dr

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

[Signature]
CASE No. 4645

Order No. R- 4248

APPLICATION OF ACOMA OIL CORPORATION

FOR DOWN-HOLE COMMINGLING, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on January 19, 1972,
at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this _____ day of January, 1972, the Commission, a
quorum being present, having considered the testimony, the record,
and the recommendations of the Examiner, and being fully advised
in the premises,

FINDS:

(1) That due public notice having been given as required by
law, the Commission has jurisdiction of this cause and the subject
matter thereof.

(2) That the applicant, Acoma Oil Corporation, is the owner
and operator of the S. J. Sarkeys A Well No. 1, a triple completion,
located in Unit A of Section 26, Township 21 South, Range 37 East,
NMPM, Lea County, New Mexico.

(3) *That pursuant to authority granted by
Administrative Order MC-1692, the subject well
was completed as a triple completion to produce
oil from the Blinney, Drinkard, and Wooty-Abo
oil pools through parallel strings of tubing.*

(4) That the applicant now proposes to complete the subject well in such a manner as to produce oil from the ~~North Vacuum Abo~~ Pool through one string of ~~2 3/8~~ inch tubing and to produce the ~~low marginal production from the Vacuum Wolfcamp and Vacuum Upper Pennsylvanian Pools~~ through a single parallel string of ~~2 3/8~~ inch tubing, commingling in the well-bore the production from the ~~Vacuum Wolfcamp and Vacuum Upper Pennsylvanian~~ oil zones, with separation of the ~~North Vacuum Abo~~ zone and the commingled ~~Vacuum Wolfcamp and Vacuum Upper Pennsylvanian~~ zones by means of a packer, ~~set at approximately 9500 feet.~~

(5) That from the Drinkard zone, the subject well is capable of extremely low marginal production only.

(6) That from the Wantz-Abo zone, the subject well is capable of extremely low marginal production only.

(7) That the reservoir characteristics of ~~each of the subject zones~~ ^{the Drinkard and Abo zones are} such that underground waste would not be caused by the proposed commingling.

(8) That the proposed commingling may result in the recovery of additional hydrocarbons from each of the ~~subject pools~~ ^{commingled zones}, thereby preventing waste, and will not violate correlative rights.

(9) That in order to allocate the commingled production to each of the commingled zones in the subject well, ~~53%~~ ^{53%} of the commingled ~~oil~~ production should be allocated to the Drinkard Pool, ~~67%~~ ^{67%} of the commingled ~~oil~~ production to the Wantz-Abo ~~zone~~, and 100% of the commingled ~~liquids~~ ^{gas production} to the ~~Drinkard~~ zone.

(10) That Administrative Order ~~MC-1682~~ ^{placed in the file} should be ~~superseded~~.

IT IS THEREFORE ORDERED:

(1) That the applicant, Acoma Oil Corporation, is hereby ~~a triple complete~~ authorized to complete its S. J. Sarkeys A Well No. 1, located ~~in~~, in Unit A of Section 26, Township 21 South, Range 37 East, NMPM,

Lea County, New Mexico, in such a manner as to produce oil from the ~~North Vacuum Abo~~ Pool through one string of ~~2 3/8~~ inch tubing and to produce oil from the ~~Vacuum Wolfcamp and Vacuum Upper Pennsylvanian Pools~~ through a single parallel string of ~~2 3/8~~ inch tubing, commingling in the well-bore the production from the ~~Vacuum Wolfcamp and Vacuum Upper Pennsylvanian~~ Pools, with separation of the ~~North Vacuum Abo~~ zone and the commingled ~~Vacuum Wolfcamp and Vacuum Upper Pennsylvanian~~ zones by means of a packer, ~~set at approximately 9500 feet;~~

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Commission Rules and Regulations insofar as said rule is not inconsistent with this order;

Blumberg Oil Pool.

PROVIDED FURTHER, that the applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual Gas-Oil Ratio Test Period for the ~~Vacuum-Holtsam~~ Pool.

(2) That 33% of the commingled oil production shall be allocated to the Drinkard zone, 67% of the commingled oil production to the Wantz-Abo zone, and 100% of the gas production to the Drinkard zone.

(3) That the commingling in the well-bore authorized by this order shall continue only so long as the commingled production of the two zones does not exceed 30 barrels of oil per day nor 100 barrels of water per day.

(4) That the maximum amount of gas which may be produced daily from the commingled zones in the subject well shall be determined by multiplying 2,000 by the top unit allowable for the ~~Vacuum-Holtsam~~ Pool.

(5) That Administrative Order MC-¹⁶⁹²~~1516~~ is hereby placed in abeyance.

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