
CASE NO.

6391

APPLICATION,
TRANSCRIPTS,
SMALL EXHIBITS,

ETC.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
State Land Office Building
Santa Fe, New Mexico
21 November 1978

EXAMINER HEARING

IN THE MATTER OF:

Application of Acoma Oil Corporation
for downhole comingling,
Lea County, New Mexico.

CASE
6391

BEFORE: Daniel S. Nutter

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation
Division:

Lynn Teschendorf, Esq.
Legal Counsel for the Division
State Land Office Bldg.
Santa Fe, New Mexico 87501

For the Applicant:

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I N D E X

SAM W. HOGAN

Direct Examination by Mr. Carr	3
Cross Examination by Mr. Nutter	10

E X H I B I T S

Applicant Exhibit One, Plat	10
Applicant Exhibit Two, Sketch	10
Applicant Exhibit Three, Diagram	10
Applicant Exhibit Four, Data Sheet	10
Applicant Exhibit Five, C-116	10
Applicant Exhibit Six, C-124	10
Applicant Exhibit Seven, Production curve	10
Applicant Exhibit Eight, Production curve	10
Applicant Exhibit Nine, Letters	10

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MR. NUTTER: Call now Case Number 6391.

MS. TESCHENDORF: Case 6391. Application of
Acoma Oil Corporation for downhole commingling, Lea County,
New Mexico.

MR. CARR: May it please the Examiner, I am
William F. Carr, Catron, Catron and Sawtell, Santa Fe,
appearing on behalf of the Applicant. I have one witness
who needs to be sworn.

(Witness sworn.)

SAM W. HOGAN

being called as a witness and having been duly sworn upon
his oath, testified as follows, to-wit:

DIRECT EXAMINATION

BY MR. CARR:

Q Will you state your full name for the record,
please?

A Sam W. Hogan.

Q Mr. Hogan, by whom are you employed and in
what position?

A I am employed by Acoma Oil Corporation and
I am their engineer and agent of their operation.

Q Have you previously testified before this
Commission and had your credentials accepted as an engineer

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1 and made a matter of record?

2 A Yes, I have.

3 Q Are you familiar with the application in this
4 case?

5 A Yes.

6 Q Will you please state briefly what Acoma Oil
7 Corporation is seeking with this application?

8 A We're seeking to commingle downhole three
9 particular zones in the S. J. Sarkeys No. 1-A.

10 MR. CARR: Mr. Examiner, are the witness'
11 credentials acceptable?

12 MR. NUTTER: Yes, they are.

13 Q (Mr. Carr continuing.) Will you please
14 refer to what has been marked for identification as Appli-
15 cant's Exhibit Number One and explain to the Examiner what
16 it is and what it shows?

17 A This is a map of the particular area sur-
18 rounding our Sarkeys No. 1-A. It shows the location of
19 No. 1-A to be in the northeast quarter of the northeast
20 quarter of Section 26, 21 South, 37 East, Lea County, New
21 Mexico.

22 On the map there are circled in green a
23 number of the wells that I have knowledge of that have been
24 dually completed, and have downhole commingling permits
25 granted to them.

1 Q Mr. Hogan, would you point out the location
2 of the Harper Oil Company well which was the subject matter
3 of Case Number 6375?

4 A It's immediately south in the quarter section
5 south of our No. 1-A and it's marked No. 2 Sarkeys. It's
6 also in the northeast quarter of Section 26.

7 Q And this is an application for downhole com-
8 mingling the same zones which are the subject of this case,
9 is that correct?

10 A Yes, that's correct.

11 MR. NUTTER: All three?

12 A Beg pardon?

13 MR. NUTTER: All three of those zones?

14 A Yes, sir.

15 MR. NUTTER: And that was Case Number 6375,
16 Mr. Carr?

17 MR. CARR: Yes, sir, Mr. Examiner.

18 MR. NUTTER: Go ahead.

19 Q (Mr. Carr continuing.) Will you refer to
20 what has been marked as Exhibit Number Two and explain to
21 the Examiner what it is and what it shows?

22 A This is a diagrammatic sketch showing the
23 original triple completion and it's present completion
24 showing the packer settings and tubing settings for the
25 three zones, the lower zone being the Wantz-Abo; the middle

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1 zone being the Drinkard; and the upper zone being the
2 Blinebry Zone.

3 MR. CARR: Mr. Examiner, at this time I
4 would like to point out that the Abo and the Drinkard are
5 currently being commingled downhole and the order approving
6 that is Order Number R-4248.

7 MR. NUTTER: R-4248?

8 MR. CARR: Yes, sir.

9 Q (Mr. Carr continuing.) Mr. Hogan, are these
10 zones flowing or are they being artificially lifted?

11 A At this time they are dead; they're not doing
12 anything; can't get them to flow or nothing.

13 Q Will you refer to what has been marked for
14 identification as Exhibit Number Three and explain what it
15 is?

16 A It's also a diagrammatic sketch showing what
17 we will use as a single completion. We'll use one string
18 of 2-3/8ths inch tubing to be set just above the Abo zone
19 and to produce by pump all three zones through one string
20 of tubing.

21 Q All right, now refer to Exhibit Number Four
22 and explain to the Examiner what this shows.

23 A This is a data sheet and we're showing the
24 production interval, the Blinebry producing from 5733 to
25 5811; the Drinkard producing interval from 6465 to 6575;

1 the Abo producing interval from 6867 to 7218.

2 We also show the gravities of the different
3 fluids produced from the three different zones and they'll
4 average about, oh, 38-1/2 to 39 gravity.

5 The value of the oil per barrel on an average
6 is \$14.80.

7 All zones are presently commingled above-
8 ground by the pipeline company and it's been stated the Abo
9 and the Drinkard are presently commingled downhole and
10 there has been no incompatibility problems that have been
11 encountered in there.

12 We're also showing on this sheet a proposed
13 oil allocation which would be as follows: The Blinebry oil
14 would produce 58 percent; the Drinkard 17 percent; the Abo
15 25 percent.

16 On the gas the Blinebry allocation would be
17 zero; the Drinkard 47 percent, and the Abo 53 percent.

18 Q Now, Mr. Hogan, page two of this exhibit sets
19 out the stimulation treatment given to each of the zones,
20 is that correct?

21 A Yes, sir, it is.

22 Q Will you now refer to Exhibit Number Five
23 and explain to the Examiner what it is and what it shows?

24 A Exhibit Number Five are Forms C-116, the gas/
25 oil ratio tests. They're on the Blinebry and on the Wantz-

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1 Abo and on the Drinkard zone.

2 Q And these show recent rates of production
3 from each zone?

4 A Yes, they do.

5 Q Now refer to Exhibit Number Six and again
6 explain to the Examiner what it shows.

7 A Exhibit Number Six is the C-124, reservoir
8 pressure report, recent reports taken on the Blinebry and
9 on the Drinkard-Wantz Abo, which is a commingled zone and
10 one pressure was taken on those two zones.

11 Q Are the pressures such that you would not
12 anticipate migration between the zones?

13 A That's correct.

14 Q Now refer to what has been marked as Exhibit
15 Number Seven and explain to the Examiner what it is.

16 A All right. Exhibit Number Seven will be the
17 monthly production curve showing the decline of the production
18 on the Blinebry, the Abo, and the Drinkard zones. I might
19 state that the last few months are not platted on this
20 curve but they're almost zero production on both of the
21 leases. Both of the zones.

22 MR. CARR: Mr. Examiner, these are marked
23 as Exhibits Number Seven and Number Eight.

24 MR. NUTTER: All right.

25 Q Now, Mr. Hogan, refer to -- strike that.

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1 Mr. Hogan, have you notified offset operators of this appli-
2 cation?

3 A Yes, sir, I have.

4 Q And are copies of these letters marked as
5 Exhibit Number Nine?

6 A Yes, they are.

7 Q In your opinion, if the application is
8 granted, will it result in increased recovery of hydrocar-
9 bons?

10 A Yes, sir, it will.

11 Q Will the value of the commingled production
12 be reduced by the commingling?

13 A The value? No, it should -- with these
14 gravities they should remain the same.

15 Q And in your opinion will waste result from
16 granting this application?

17 A No, there won't be any waste; there will be
18 a gain.

19 Q Okay, will granting the application therefore
20 be in the interest of conservation and the protection of
21 correlative rights?

22 A That's correct, yes, it will.

23 Q Mr. Hogan, have you reviewed what has been
24 marked as Exhibit One through Exhibit Nine and can you
25 testify to their accuracy?

1 A Yes.

2 MR. CARR: At this time, Mr. Examiner, we
3 would offer Exhibits One through Nine.

4 MR. NUTTER: Applicant's Exhibits One through
5 Nine will be admitted in evidence.

6 MR. CARR: I have nothing further on direct.

7 MR. NUTTER: What was Exhibit Nine, Bill?

8 MR. CARR: Exhibit Nine is a copy of the
9 letters notifying the offset operators.

10 (There followed a discussion
11 off the record.)

12
13 CROSS EXAMINATION

14 BY MR. NUTTER:

15 Q Mr. Hogan, why have we had zero gas allo-
16 cated to the Blinebry? Doesn't it make gas?

17 A All of the tests that have been run on it
18 by the engineering company whose responsibility it is to
19 take the gas/oil ratio tests, have always reported it as
20 too small to measure, and have not given it on any of the
21 C-116 reports any gas.

22 Q Well, I notice here on Exhibit Number Five,
23 which is your gas/oil ratio test, that the Sarkeys A-1,
24 which is the well we're talking about --

25 A Yes, sir.

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1 Q -- that is listed as gas too small to measure,
2 but the Sarkeys B-1, which is one location to the west, has
3 a gas/oil ratio of almost 27,000-to-1.

4 A I wish I could explain why, Mr. Examiner,
5 but I can't. It's just a peculiar situation we have over
6 in that portion of the field, and our wells and some of the
7 others along that line are just low gas/oil ratio.

8 Q How long has the Blinebry been producing in
9 this well?

10 A It was completed in 1962, I believe it was.

11 Q And it's never produced gas?

12 A Only just the very small quantities of gas,
13 yes, sir.

14 Q Now these gas/oil ratios for the Wantz-Abo
15 and the Drinkard, which are also part of this same exhibit
16 Number Five --

17 A Yes, sir.

18 Q -- I presume for this A-1 they are calculated
19 tests for the Wantz-Abo and the Drinkard, inasmuch as those
20 zones are commingled, aren't they?

21 A Yes, sir.

22 Q So this is just a breakdown of the production
23 from the two commingled zones.

24 A All the gas from all the wells goes through
25 one meter; it's all metered through one meter, so we just

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1 had to break it down, and it's downhole commingled, so we
2 just have to make a percentage calculation.

3 Q And the same for the oil wells.

4 A Yes, sir. Yes, sir, that's right.

5 Q Do you recall what the breakdown for the
6 commingled production in Wantz-Abo and Drinkard is, as far
7 as the allocation?

8 A At this time?

9 Q Yeah, under the old order?

10 A I have it in my briefcase but I think it's
11 very similar to the one I used this time.

12 Q Well --

13 A Would you like for me to --

14 Q -- I can see where it would be probably
15 identical for gas, since you're not attributing any gas
16 production to the Blinebry, but these percentages would be
17 affected by adding 58 percent Blinebry in here on the oil
18 allocation, so I would appreciate knowing what the oil
19 allocation on the old order is.

20 A Let me see if I can't find that.

21 Q Okay.

22 MR. CARR: Mr. Examiner, it's 33 percent is
23 allocated to the Drinkard and 67 percent to the Wantz-Abo.

24 MR. NUTTER: Is that oil or gas or both?

25 MR. CARR: That's the oil and the gas. No,

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1 I'm sorry, and a 100 percent of the commingled gas production
2 to the Drinkard.

3 MR. NUTTER: 100 percent gas to Drinkard;
4 33 percent oil to Drinkard.

5 MR. CARR: Uh-huh.

6 MR. NUTTER: And 67 percent oil to Abo and
7 zero percent gas to Abo.

8 MR. CARR: That's correct.

9 Q (Mr. Nutter continuing.) Now, Mr. Hogan,
10 you mentioned that these decline curves for these two re-
11 servoirs stopped here at August and that the well had not
12 produced at all since that time?

13 A We've produced some oil out of it. We've
14 swabbed some oil and that's about -- we can't get the well
15 to flow. We did try to swab it to see if we could get it
16 to flow and we cannot.

17 Q The well has never had pumping equipment
18 installed on it, then?

19 A No, sir, it hasn't.

20 Q So it's now your proposal to commingle and
21 pump all three?

22 A All three zones, yes, sir.

23 Q Well, now, on your decline curve here for
24 Abo and Drinkard, it appears here that Abo quit producing
25 back in April, or have we just not extended the curve?

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1 A Let me go back to it. No, those figures --
2 actually, what has happened on that, Mr. Examiner, is that
3 the fact that we have -- on those few months we gave an
4 equal amount to each one of the zones, so therefore those --
5 for those few months in there, we split it fifty-fifty be-
6 tween them.

7 Q So the two curves would be the same.

8 A So the two curves would coincide, yes, sir.

9 Q I see.

10 A That's the reason for that.

11 Q And then it appears, then, that in August
12 each zone would have made only about 12 barrels in the month
13 of August.

14 A That's about right, yes, sir.

15 Q And over here in the Blinebry in August,
16 the Blinebry made approximately 45 barrels for the month.

17 A Yes, sir.

18 Q Is the ownership of all three zones identical,
19 Mr. Hogan?

20 A Yes, sir.

21 MR. CARR: Yes.

22 MR. NUTTER: Are there any further questions
23 of Mr. Hogan? He may be excused. Do you have anything
24 further, Mr. Carr?

25 MR. CARR: Nothing further.

1 MR. NUTTER: Does anyone have anything they
2 wish to offer in Case 6391?

3 We'll take the case under advisement.

4 (Hearing concluded.)
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REPORTER'S CERTIFICATE

I, SALLY WALTON BOYD, a Court Reporter, DO HEREBY CERTIFY that the foregoing and attached Transcript of Hearing before the Oil Conservation Division was reported by me; that said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability, knowledge, and skill, from my notes taken at the time of the hearing.

Sally W. Boyd CSR
Sally W. Boyd, C.S.R.

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I do hereby certify that the foregoing is
a complete and correct transcript of the proceedings in
the above hearing of Case No. 6391
heard by me on 11/21 1978.
[Signature] Examiner
Oil Conservation Division

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 6391
Order No. R-5887

APPLICATION OF ACOMA OIL CORPORATION
FOR DOWNHOLE COMMINGLING, LEA COUNTY,
NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on November 21, 1978, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 29th day of December, 1978, the Division Director, 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 Division has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Acoma Oil Corporation, is the owner and operator of the Sarkeys Well No. 1, located in Unit A of Section 26, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.
- (3) That the applicant seeks authority to commingle Blinebry, Wantz-Abo and Drinkard production within the wellbore of the above-described well.
- (4) That from the Blinebry zone, the subject well is capable of low marginal production only.
- (5) That from the Wantz-Abo zone, the subject well is capable of low marginal production only.
- (6) That from the Drinkard zone, the subject well is capable of low marginal production only.

-2-

Case No. 6391

Order No. R-5887

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

(8) That the reservoir characteristics of each of the subject zones are such that underground waste would not be caused by the proposed commingling provided that the well is not shut-in for an extended period.

(9) That to afford the Division the opportunity to assess the potential for waste and to expeditiously order appropriate remedial action, the operator should notify the Hobbs district office of the Division any time the subject well is shut-in for 7 consecutive days.

(10) That in order to allocate the commingled production to each of the commingled zones in the subject well, 58 percent of the commingled oil production and none of the gas production should be allocated to the Blinebry zone, 17 percent of the commingled oil production and 47 percent of the gas production to the Wantz-Abo zone, and 25 percent of the commingled oil production and 53 percent of the gas production should be allocated to the Drinkard zone.

(11) That Division Order No. R-4248, which previously authorized the commingling of Drinkard and Wantz-Abo production in the subject well, should be superseded.

IT IS THEREFORE ORDERED:

(1) That the applicant, Acoma Oil Corporation, is hereby authorized to commingle Blinebry, Wantz-Abo and Drinkard production within the wellbore of its Sarkeys Well No. 1, located in Unit A of Section 26, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.

(2) That 58 percent of the commingled oil production and none of the gas production shall be allocated to the Blinebry zone, 17 percent of the commingled oil production and 47 percent of the gas production shall be allocated to the Wantz-Abo zone, and 25 percent of the commingled oil production and 53 percent of the gas production shall be allocated to the Drinkard zone.

(3) That the operator of the subject well shall immediately notify the Division's Hobbs district office any time the well has been shut-in for 7 consecutive days and

-3-

Case No. 6391
Order No. R-5887

shall concurrently present, to the Division, a plan for remedial action.

(4) That Division Order No. R-4248 is hereby superseded.

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

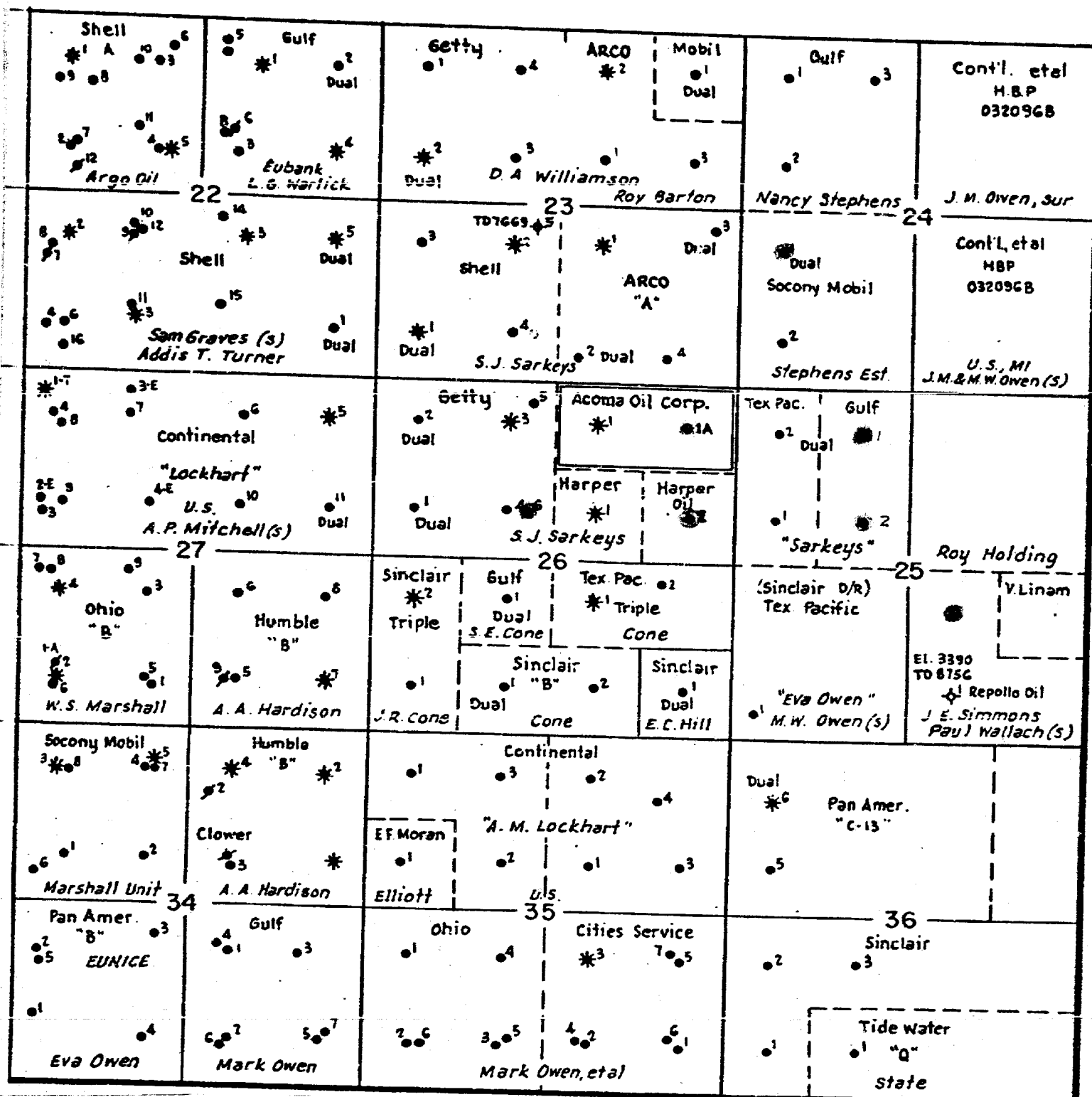
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


JOE D. RAMSEY,
Director


S E A L

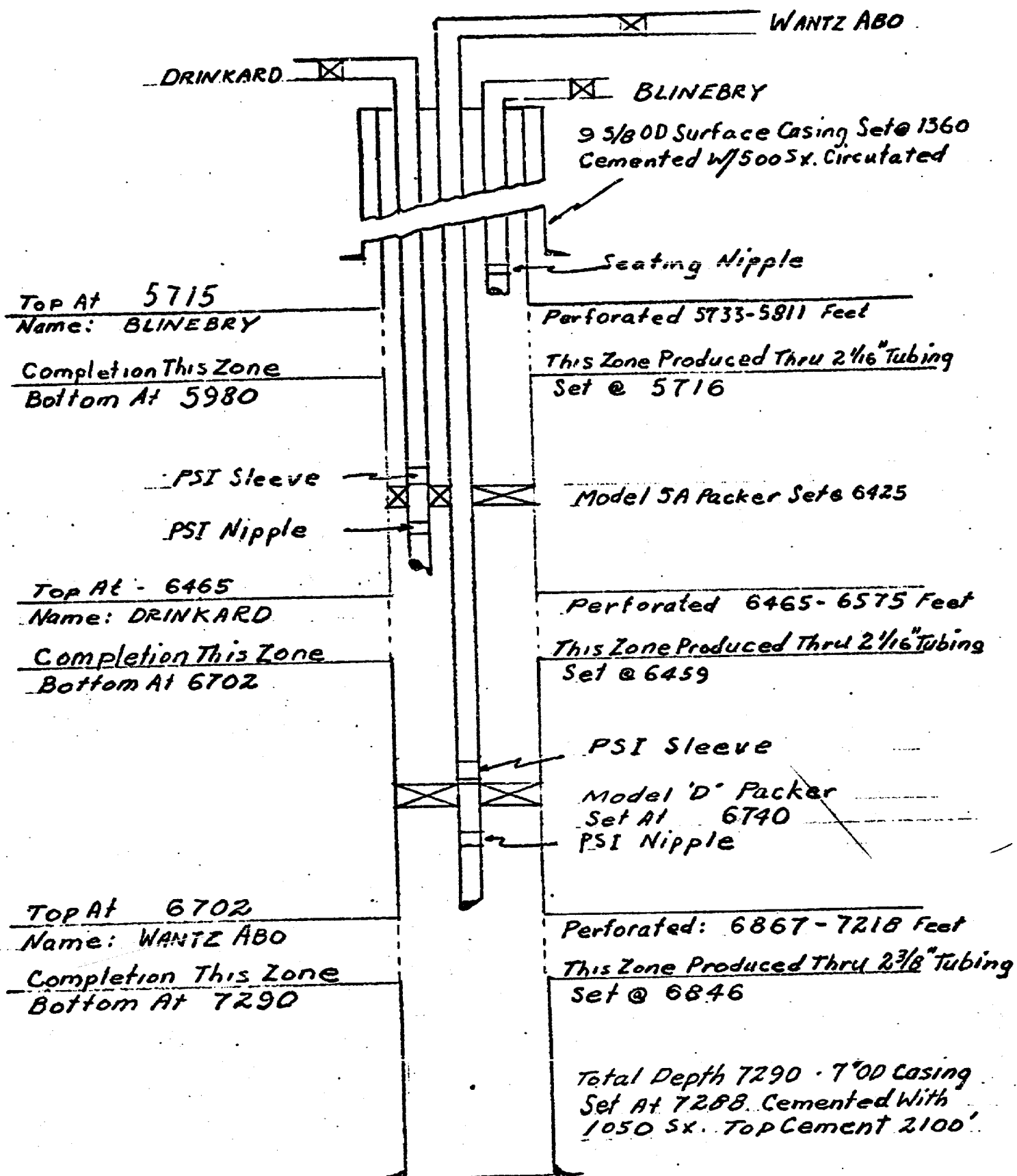
Ex/



ACOMA OIL CORPORATION
 SARKEYS LEASE
 T-21-S R-37-E
 LEA COUNTY, NEW MEXICO
 SCALE 1"=2000'

BEFORE EXAMINER NUTTER
 OIL CONSERVATION DIVISION
 Applicant EXHIBIT NO. 1
 CASE NO. 6391

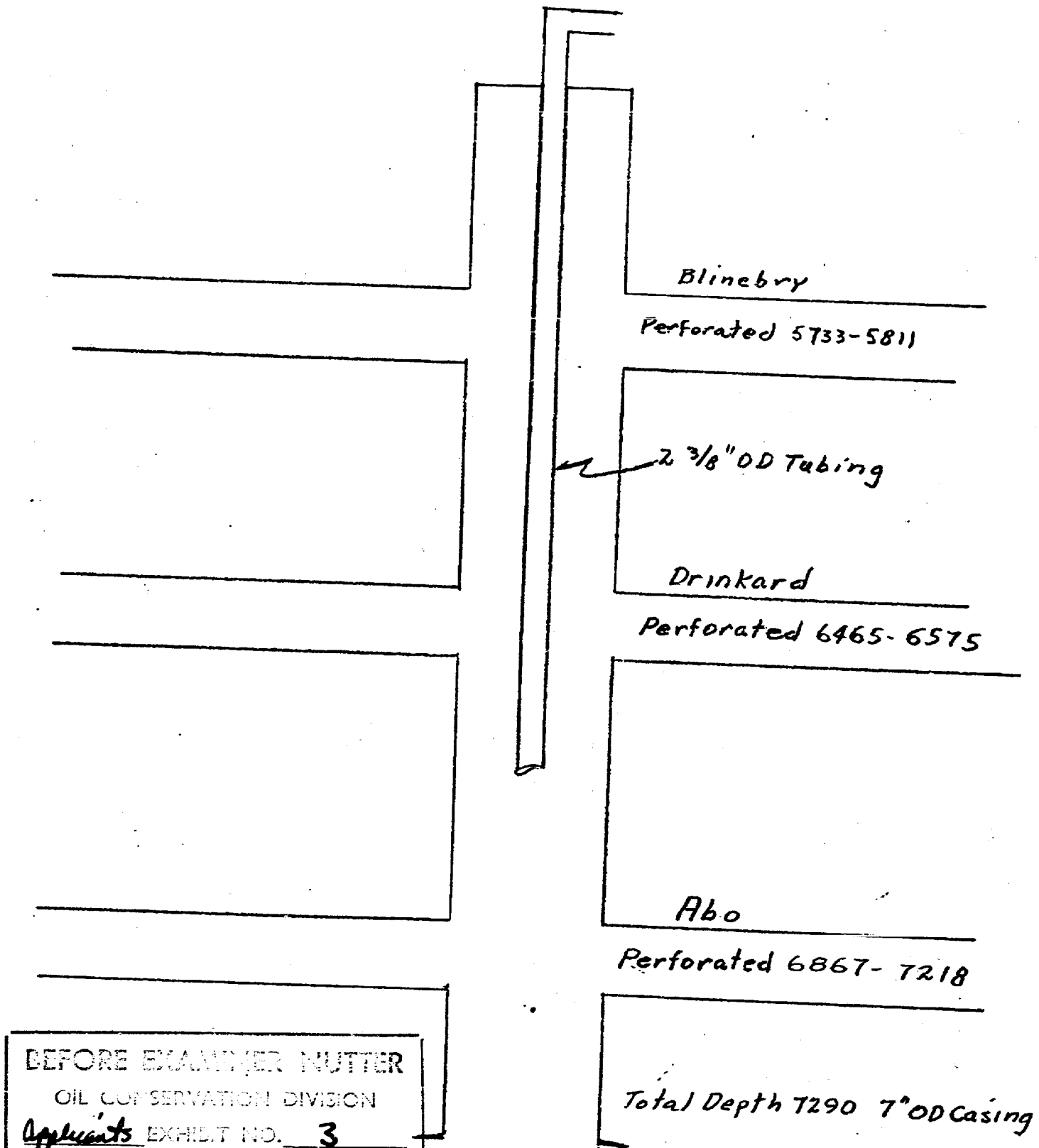
**DIAGRAMMATIC SKETCH SHOWING
TRIPLE COMPLETION INSTALLATION**



Company: ACOMA OIL CORPORATION
Lease: S. J. Sarkeys No. 1
Field: Wantz Abo, Drinkard, Blinebry
Location: NE 1/4 NE 1/4 Sec 26-21S-37E
Date: Nov. 23, 1965

APPLICANTS	DATE
6391	2

DIAGRAMMATIC SKETCH
SINGLE COMPLETION



BEFORE EXAMINER MUTTER
OIL CONSERVATION DIVISION
Applicants EXHIBIT NO. 3
CASE NO. 6391

ACOMA OIL CORPORATION
S. J. Sarkeys No 1-A
Blinebry, Drinkard, Wantz Abo
NE 1/4 NE 1/4 Sec 26-21S.-37E

DATA SHEET
Acoma Oil Corporation
S. J. Sarkey 1-A

Blinebry	Producing Interval	5733-5811
Drinkard	Producing Interval	6465-6575
Abo	Producing Interval	6867-7218

Fluid Gravities

Blinebry	38.6
Drinkard	38.2
Abo	38.7
Average gravity commingled oil	38.5

Value per barrel, average \$14.80

All zones are commingled above ground by pipeline company.

Abo and Drinkard zones are commingled downhole at present time by Order No. R-4248, Case No. 4645. No incompatibility problems have been encountered.

Proposed oil allotment would be as follows:

Blinebry	Oil	58%	Gas	0
Drinkard	Oil	17%	Gas	47%
Abo	Oil	25%	Gas	53%

BEFORE EXAMINER NUTTER
OIL CONSERVATION DIVISION
Applicants EXHIBIT NO. 4
CASE NO. 6391

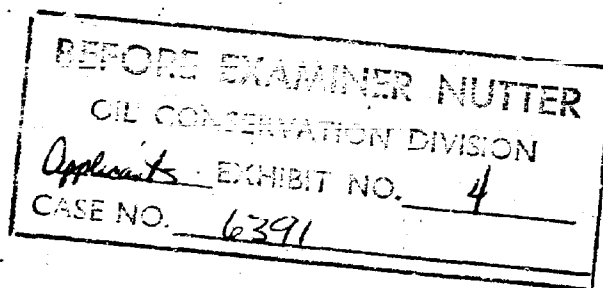
Stimulation Treatment - Sarkeys 1-A

Blinebry: Acidized w/2000 Gal. Fraced w/20,000 Gal. gelled oil
30000# Sand

Drinkard: Acidized w/2000 gal. Fraced w/20,000 Gal. gelled oil
27000# Sand

Wantz ABO: Acidized w/120 Bbbl. XFW Acid
95 Bbl. oil

Well completed September, 1965



NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-118
Revised 1-1-75

Operator AGORA CIL CORPORATION		County LEA												
ASMEED 912 CENTINENTAL LIFE BUILDING		City EL PASO, TEXAS												
LEASE NAME S. J. SARKKEYS A		TYPE OF TEST - (X) <input checked="" type="checkbox"/> Scheduling <input type="checkbox"/> Estimating												
WELL NO.	LOCATION				DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW. ABLE	LENGTH OF TEST HOURS	Completion <input type="checkbox"/>			GAS - OIL RATIO CU. FT / BBL	
	U	S	T	R						WATER OIL	PROD. DURING TEST	GAS M.C.F.		
1	A	26	21	37	10-16-78	24 1/4	30	7	24	2	39	7	7377	—
1	B	26	21	37	10-16-78	24 1/4	150	10	24	3	39	9	242	26889

BEFORE EXPLORATION
C.C. NO. 6-5311
5

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 35 percent. Operator is encouraged to take advantage of this 35 percent tolerance in order that well can be assigned increased allowable 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 tubing pressure in lieu of tubing pressure for any well producing through casing.
Well original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 381 and appropriate pool rules.

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

[Signature]
(Signature)
AUG 17 1978

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 10-1-65

Operator		Pool		County		Section									
ACOMA OIL CORPORATION		WANTZ ABO		LETA											
Address		Type of Test - (X)		Scheduled		Completion		Gas - Oil Ratio							
812 Continental Life Bldg El Paso, Texas		<input checked="" type="checkbox"/> F		<input checked="" type="checkbox"/> D		<input type="checkbox"/> P		<input type="checkbox"/> C							
Lease Name	Well No.	Location				Date of Test	Choke Size	T.B.G. Press.	Daily Allow. A.B.L.E.	Length of Test Hours	Prod. During Test			Gas - Oil Ratio Cu. Ft./Bbl.	
		U	S	T	R						Water Oils	Grav. Oil	Oil Bbls.		Gas M.C.F.
S.V. SARKKEYS A S.V. SARKKEYS B	1	D	26	C1	37	3-21-78	4 1/4"	240	3	24	1.0	46.0	2	14.4	7200
	2	E	26	21	37	3-21-78	1"	25	5	24	1.0	39.5	5	12.9	2580

BEFORE EXAMINER NOTAR
OIL CONSERVATION COMMISSION
EXHIBIT NO. _____
CASE NO. _____

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 allowable 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, showing pressure in lieu of tubing pressure for any well producing through casing.
Well original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 303 and appropriate pool rules.

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

John A. Thomas
(Signature)
A-1-1

Class
Reviewed 10.1.65

John H. Brown
(Signature)
A 1000

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-124
Revised 1-1-65

RESERVOIR PRESSURE REPORT

TYPE OF REPORT - (X)		Initial Completion		Special		General Survey		Date	
		X						October 28, 1978	
Operator				Pool				County	
Acoma Oil Corporation				Blinebry Oil				Lee	
Address 812 Continental Life Bldg.				Producing Formation				Gas Gradient	
Ft. Worth, Texas 76102				Blinebry				.312	
				Oil Gradient				Water Gradient	
				.312				-	
				psi/ft.				psi/ft.	
				.047				.047	
				SONIC INSTRUMENT TEST DATA*				Datum Plane	
								(-2385)	

LEASE	WELL NO.	LOCATION				ELEV. ON GAS (ft)	DATE TESTED	2 IN. TEST PRESS.	BOMB TEST DATA				SONIC INSTRUMENT TEST DATA*				PRES. AT DATUM
		U	S	T	R				TEST DEPTH	S.M. TEMP. °F	GR. PRESS.	PROD. TEST (BBL./DAY)	LIQUID LEVEL	LIQUID GRAD. IN/FT.	WT. OF LIQUID COL. PSI	WT. OF GAS COL. PSI	
S.J. Sarkeys A	1	A	26	21	37	3387 0 GL	10/28/78	24 584	5640	106	1014	-	-	-	-	-	1055

6391
OIL CONSERVATION DIVISION
BEFORE EXAMINER NUTTER
6

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.

JAMES L. SERVICES, INC.
(Signature)
Agent
(True)
November 3, 1978
(Date)

RESERVOIR PRESSURE REPORT

TYPE OF REPORT: (X)

Initial Completion

Special

General Survey

Operators

ACOMA Oil Corporation

Address 812 Continental Bldg

Ft. Worth, Texas 76102

TO: _____

017

Drinkard - Wantz Abs

Product Line	Proportion	Oil Gradient
...

Wants Abc

037

TTT

THE UNIVERSITY OF CHICAGO

water gradient

1. Introduction

County

Lea

Gas Gravity

1

Date _____
October 20, 1944

October 28, 1978

Ft. Worth, Texas 76102										Production Wantz Abo		Oil Gradient		Water Gradient		Gas Gravity		Datum Plane		Date																											
LEASE										WELL NO.		LOCATION				ELEV.		DATE TESTED		SHUT-IN PRESS.		BOMB TEST DATA		SONIC INSTRUMENT TEST DATA*				PRESS. AT DATUM																			
										U		S		T		R		(G)		(G)		TEST DEPTH		B.M. TEMP. °F		OS. SERVED PRESS.		PROD. TEST (BBL.S. DAY)		LIQUID LEVEL		LIQUID GRAD-IENT PSI/FT.		WT. OF LIQUID SOL. COL. PSI		WT. OF GAS COL. PSI		CGG. PRESS.									
S.J. Sarkeys A										1		A		26		21		57		3387 GL		0		10/28/78		24		580		6683		108		691		-		-		-		-		-		695	

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.

JAMES SERVICES, INC.

(Signature)

Agents

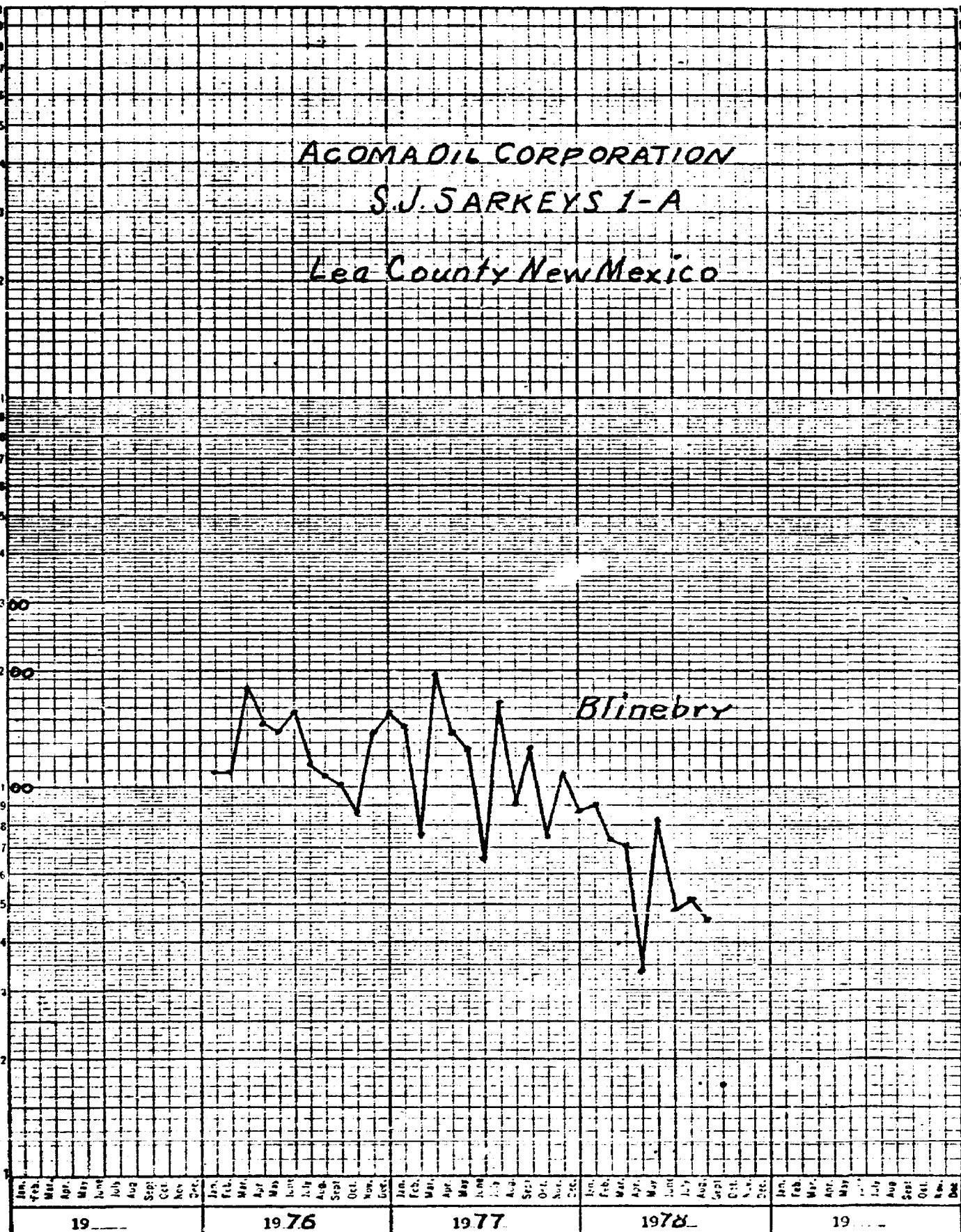
(Tide)

~~November 3, 1978~~

(Date,

MADE IN U.S.A.
 Five Years by Month
 Semi-Logarithmic, 3 Cycles
 MADE IN U.S.A.

Barrels Oil Per Month



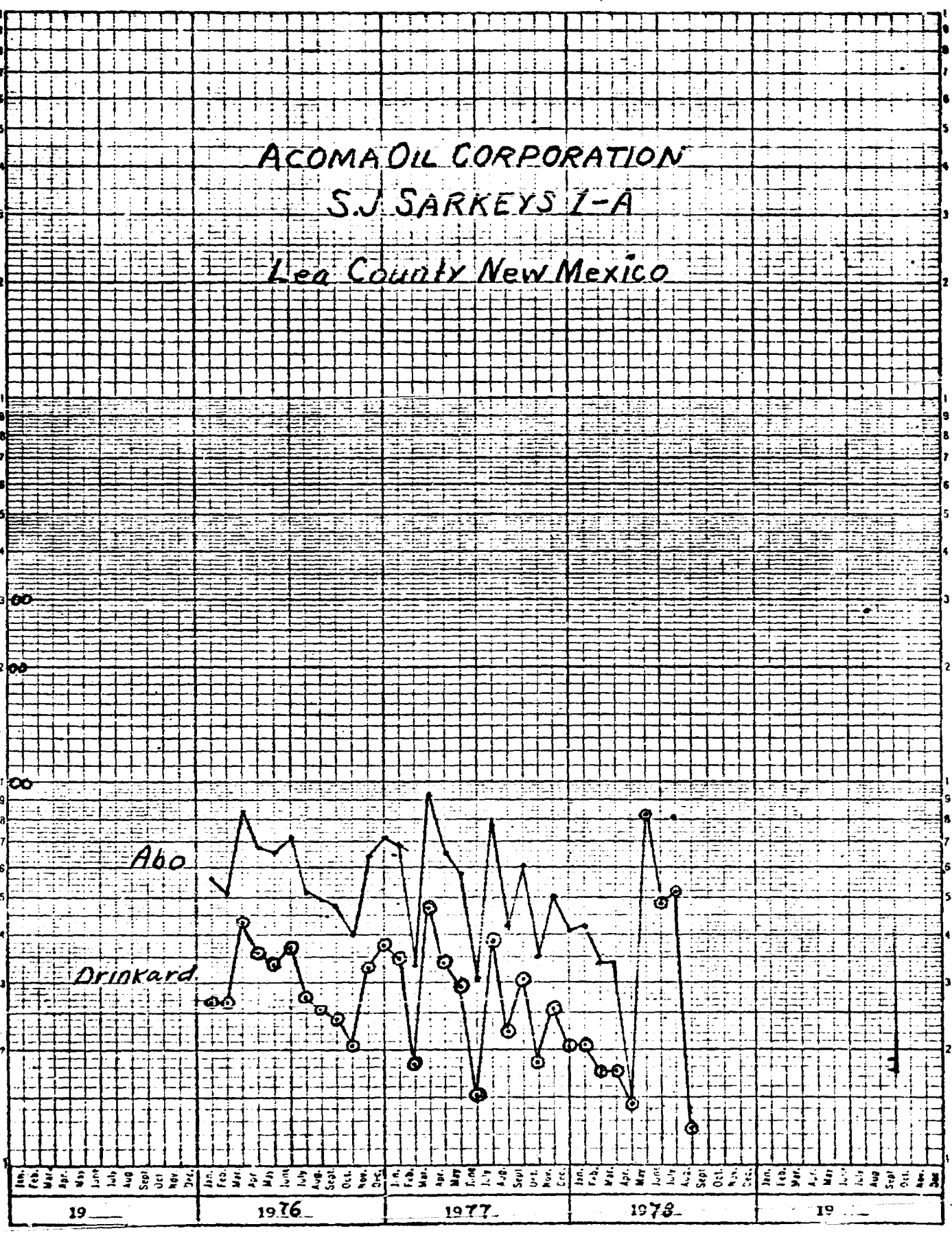
ACOMA OIL CORPORATION

S.J. SARKEYS I-A

Lea County New Mexico

REPRODUCED BY THE U.S. GEOLOGICAL SURVEY
Five Years by Month
Bentley-Isotermic, 3 Cycles
MADE IN U.S.A.

Barrels Oil Per Month



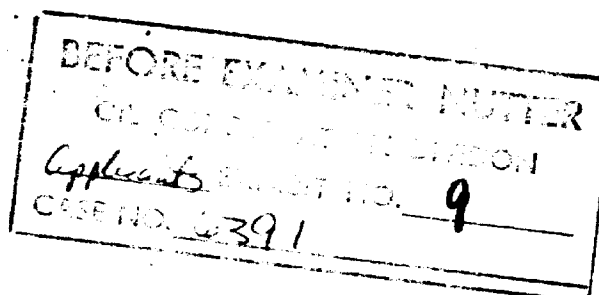
GENERAL OFFICE
MAYN BLDG
ST. PAUL, MINN.
55102

ACOMA OIL CORPORATION
812 CONTINENTAL LIFE BUILDING
FORT WORTH, TEXAS 76102

November 2, 1978

C CERTIFIED MAIL

Shell Oil Company
P. O. Box 1509
Midland, Texas 79701



Re: Acoma Oil Corporation
S. J. Sarkeys 1-A
N/2 NE/4 Sec. 26, T-21S, R-37-E,
Lea County, New Mexico

Gentlemen:

Please be advised that a case has been docketed before the New Mexico Oil Conservation Commission on November 21, 1978, to consider the application of Acoma Oil Corporation for down hole commingling of production from the Blinebry, Drinkard and Wantz Abo oil zones in the well bore of the S. J. Sarkeys 1-A well.

Yours very truly,

ACOMA OIL CORPORATION

By Sam W. Hogan
Sam W. Hogan, Agent

SWH/arh

Offset Operators:

Atlantic Richfield Company, P. O. Box 1610, Midland, Texas 79702
Getty Oil Company, P. O. Box 240, Hobbs, New Mexico 88240
Gulf Oil Co.-U.S., P. O. Box 670, Hobbs, New Mexico 88240
Harper Oil Co., 904 Hightower Bldg., Oklahoma City, Oklahoma 73101
Mobil Oil Corporation, P. O. Box 1800, Hobbs, New Mexico 88240
Texas Pacific Oil Co., Inc., P. O. Box 4067, Midland, Texas 79701
Shell Oil Company, P. O. Box 1509, Midland, Texas 79701

GENERAL OFFICE
HARRIS BUILDING
ST. PAUL, MINN.
55102

ACOMA OIL CORPORATION
812 CONTINENTAL LIFE BUILDING
FORT WORTH, TEXAS 76102

November 2, 1978

CERTIFIED MAIL

Texas Pacific Oil Co., Inc.
P. O. Box 4067
Midland, Texas 79701

Re: Acoma Oil Corporation
S. J. Sarkeys 1-A
N/2 NE/4 Sec. 26, T-21S, R-37-E,
Lea County, New Mexico

Gentlemen:

Please be advised that a case has been docketed before the New Mexico Oil Conservation Commission on November 21, 1978, to consider the application of Acoma Oil Corporation for down hole commingling of production from the Blinbry, Drinkard and Wantz Abo oil zones in the well bore of the S. J. Sarkeys 1-A well.

Yours very truly,

ACOMA OIL CORPORATION

By Samuel W. Hogan
Sam W. Hogan, Agent

SWH/arh

Offset Operators:

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Getty Oil Company, P. O. Box 240, Hobbs, New Mexico 88240
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Harper Oil Co., 904 Hightower Bldg., Oklahoma City, Oklahoma 73101
Mobil Oil Corporation, P. O. Box 1800, Hobbs, New Mexico 88240
Texas Pacific Oil Co., Inc., P. O. Box 4067, Midland, Texas 79701
Shell Oil Company, P. O. Box 1509, Midland, Texas 79701

GENERAL OFFICE
HARRIS BUILDING
ST. PAUL, MINN.
55102

ACOMA OIL CORPORATION
812 CONTINENTAL LIFE BUILDING
FORT WORTH, TEXAS 76102

November 2, 1978

CERTIFIED MAIL

Mobil Oil Corporation
P. O. Box 1800
Hobbs, New Mexico 88240

Re: Acoma Oil Corporation
S. J. Sarkeys 1-A
N/2 N1/4 Sec. 26, T-21S, R-37-E,
Lea County, New Mexico

Gentlemen:

Please be advised that a case has been docketed before the New Mexico Oil Conservation Commission on November 21, 1978, to consider the application of Acoma Oil Corporation for down hole commingling of production from the Blinbry, Drinkard and Wantz Abo oil zones in the well bore of the S. J. Sarkeys 1-A well.

Yours very truly,

ACOMA OIL CORPORATION

By Sam W. Hogan
Sam W. Hogan, Agent

SMH/arh

Offset Operators:

Atlantic Richfield Company, P. O. Box 1610, Midland, Texas 79702
Getty Oil Company, P. O. Box 240, Hobbs, New Mexico 88240
Gulf Oil Co.-U.S., P. O. Box 670, Hobbs, New Mexico 88240
Harper Oil Co., 904 Hightower Bldg., Oklahoma City, Oklahoma 73101
Mobil Oil Corporation, P. O. Box 1800, Hobbs, New Mexico 88240
Texas Pacific Oil Co., Inc., P. O. Box 4067, Midland, Texas 79701
Shell Oil Company, P. O. Box 1509, Midland, Texas 79701

GENERAL OFFICE
NAMI BUILDING
ST. PAUL, MINN.
55102

ACOMA OIL CORPORATION

812 CONTINENTAL LIFE BUILDING
FORT WORTH, TEXAS 76102

November 2, 1978

CERTIFIED MAIL

Harper Oil Company
904 Hightower Bldg.
Oklahoma City, Oklahoma 73101

Re: Acoma Oil Corporation
S. J. Sarkeys 1-A
N/2 NE/4 Sec. 26, T-21S, R-37-E,
Lea County, New Mexico

Gentlemen:

Please be advised that a case has been docketed before the New Mexico Oil Conservation Commission on November 21, 1978, to consider the application of Acoma Oil Corporation for down hole commingling of production from the Blinbry, Drinkard and Wantz Abo oil zones in the well bore of the S. J. Sarkeys 1-A well.

Yours very truly,

ACOMA OIL CORPORATION

By Samuel W. Hogan
Sam W. Hogan, Agent

SWH/arh

Offset Operators:

Atlantic Richfield Company, P. O. Box 1610, Midland, Texas 79702
Getty Oil Company, P. O. Box 240, Hobbs, New Mexico 88240
Gulf Oil Co.-U.S., P. O. Box 670, Hobbs, New Mexico 88240
Harper Oil Co., 904 Hightower Bldg., Oklahoma City, Oklahoma 73101
Mobil Oil Corporation, P. O. Box 1800, Hobbs, New Mexico 88240
Texas Pacific Oil Co., Inc., P. O. Box 4067, Midland, Texas 79701
Shell Oil Company, P. O. Box 1509, Midland, Texas 79701

GENERAL OFFICE
HARRIS BUILDING
ST. PAUL, MINN.
55102

ACOMA OIL CORPORATION

812 CONTINENTAL LIFE BUILDING
FORT WORTH, TEXAS 76102

November 2, 1978

CERTIFIED MAIL

Gulf Oil Co. - U. S.
P. O. Box 670
Hobbs, New Mexico 88240

Re: Acoma Oil Corporation
S. J. Sarkeys 1-A
N/2 NF/4 Sec. 26, T-21S, R-37-E,
Lea County, New Mexico

Gentlemen:

Please be advised that a case has been docketed before the New Mexico Oil Conservation Commission on November 21, 1978, to consider the application of Acoma Oil Corporation for down hole commingling of production from the Blinbry, Drinkard and Wantz Abo oil zones in the well bore of the S. J. Sarkeys 1-A well.

Yours very truly,

ACOMA OIL CORPORATION

By Sam W. Hogan
Sam W. Hogan, Agent

SWH/arh

Offset Operators:

Atlantic Richfield Company, P. O. Box 1610, Midland, Texas 79702
Getty Oil Company, P. O. Box 240, Hobbs, New Mexico 88240
Gulf Oil Co.-U.S., P. O. Box 670, Hobbs, New Mexico 88240
Harper Oil Co., 904 Hightower Bldg., Oklahoma City, Oklahoma 73101
Mobil Oil Corporation, P. O. Box 1800, Hobbs, New Mexico 88240
Texas Pacific Oil Co., Inc., P. O. Box 4067, Midland, Texas 79701
Shell Oil Company, P. O. Box 1509, Midland, Texas 79701

GENERAL OFFICE
MAIN BUILDING
ST. PAUL, MINN.
55102

ACOMA OIL CORPORATION
812 CONTINENTAL LIFE BUILDING
FORT WORTH, TEXAS 76102

November 2, 1978

CERTIFIED MAIL

Getty Oil Company
P. O. Box 240
Hobbs, New Mexico 88240

Re: Acoma Oil Corporation
S. J. Sarkeys 1-A
N/2 NF/4 Sec. 26, T-21S, R-37-E,
Lea County, New Mexico

Gentlemen:

Please be advised that a case has been docketed before the New Mexico Oil Conservation Commission on November 21, 1978, to consider the application of Acoma Oil Corporation for down hole commingling of production from the Blinbry, Drinkard and Wantz Abo oil zones in the well bore of the S. J. Sarkeys 1-A well.

Yours very truly,

ACOMA OIL CORPORATION

By Sam W. Hogan
Sam W. Hogan, Agent

SWH/arh

Offset Operators:

Atlantic Richfield Company, P. O. Box 1610, Midland, Texas 79702
Getty Oil Company, P. O. Box 240, Hobbs, New Mexico 88240
Gulf Oil Co.-U.S., P. O. Box 670, Hobbs, New Mexico 88240
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Texas Pacific Oil Co., Inc., P. O. Box 4067, Midland, Texas 79701
Shell Oil Company, P. O. Box 1509, Midland, Texas 79701

GENERAL OFFICE
HARRIS BUILDING
ST. PAUL, MINN.
55102

ACOMA OIL CORPORATION

812 CONTINENTAL LIFE BUILDING

FORT WORTH, TEXAS 76102

November 2, 1978

CERTIFIED MAIL

Atlantic Richfield Company
P. O. Box 1610
Midland, Texas 79702

Re: Acoma Oil Corporation
S. J. Sarkeys 1-A
N/2 NF/4 Sec. 26, T-21S, R-37-E,
Lea County, New Mexico

Gentlemen:

Please be advised that a case has been docketed before the New Mexico Oil Conservation Commission on November 21, 1978, to consider the application of Acoma Oil Corporation for down hole commingling of production from the Blinebry, Drinkard and Wantz Abo oil zones in the well bore of the S. J. Sarkeys 1-A well.

Yours very truly,

ACOMA OIL CORPORATION

By Sam W. Hogan
Sam W. Hogan, Agent

SWH/arh

Offset Operators:

Atlantic Richfield Company, P. O. Box 1610, Midland, Texas 79702
Getty Oil Company, P. O. Box 240, Hobbs, New Mexico 88240
Gulf Oil Co.-U.S., P. O. Box 670, Hobbs, New Mexico 88240
Harper Oil Co., 901 Hightower Bldg., Oklahoma City, Oklahoma 73101
Mobil Oil Corporation, P. O. Box 1800, Hobbs, New Mexico 88240
Texas Pacific Oil Co., Inc., P. O. Box 4067, Midland, Texas 79701
Shell Oil Company, P. O. Box 1509, Midland, Texas 79701

Docket No. 37-78

Dockets Nos. 39-78 and 40-78 are tentatively set for hearing on December 7 and 20, 1978. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: COMMISSION HEARING - TUESDAY - NOVEMBER 14, 1978

OIL CONSERVATION COMMISSION - 9 A.M. - ROOM 205
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases are continued from the November 7, 1978, Commission Hearing.

CASE 6146: (DE NOVO) (Continued and Readvertised)

Application of Jerome P. McHugh for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Tapacito-Gallup and Basin-Dakota production within the wellbore of his Jicarilla Well No. 5 located in Unit D of Section 29, Township 25 North, Range 4 West, Rio Arriba County, New Mexico.

Upon application of Jerome P. McHugh this case will be heard De Novo pursuant to the provisions of Rule 1220.

CASE 6266: (DE NOVO)

Application of Harvey E. Yates Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of an Upper Pennsylvanian test well to be located 660 feet from the North and East lines or, in the alternative, 990 feet from the North and East lines of Section 23, Township 22 South, Range 23 East, Indian Basin-Upper Pennsylvanian Gas Pool, Eddy County, New Mexico, all of said Section 23 to be dedicated to the well.

Upon application of Harvey E. Yates Company this case will be heard De Novo pursuant to the provisions of Rule 1220.

CASE 6377: Application of Durham, Inc., for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Morrow formation underlying Section 8, Township 21 South, Range 24 East, Indian Basin-Morrow Gas Pool, Eddy County, New Mexico, to be dedicated to a well to be drilled 1650 feet from the North and East lines of said Section 8. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 6378: In the matter of the hearing called by the Oil Conservation Division on the motion of Shell Oil Company to permit Corinne Grace and all other interested parties to appear and show cause why Division Order No. R-3713, which pooled all of Section 8, Township 21 South, Range 24 East, Eddy County, New Mexico, should not be declared null and void, if said pooling order has not already automatically expired due to non-production.

CASE 6379: Application of Shell Oil Company for pool contraction and pool extension, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the contraction of the Indian Basin-Morrow Gas Pool by the deletion therefrom of the N/2 of Section 8, Township 21 South, Range 24 East, Eddy County, New Mexico, or in the alternative, all of said Section 8, and the extension of the Cemetery-Morrow Gas Pool to include the aforesaid N/2 or all of said Section 8.

Docket No. 38-78

DOCKET: EXAMINER HEARING - TUESDAY - NOVEMBER 21, 1978

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

The following cases will be heard before Daniel S. Hutter, Examiner, or Richard L. Stamets, Alternate Examiner:

ALLOWABLE: (1) Consideration of the allowable production of gas for December, 1978, from fifteen prorated pools in Lea, Eddy, and Chaves Counties, New Mexico.

(2) Consideration of the allowable production of gas for December, 1978, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.

- CASE 6380:** Application of Harvey E. Yates Company, Inc., for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion of its Travis Deep Well No. 3 located in Unit B of Section 13, Township 18 South, Range 28 East, to produce oil from the Travis-Upper Pennsylvanian Pool and gas from the Morrow formation, Eddy County, New Mexico, through parallel strings of tubing.
- CASE 6381:** Application of Yates Petroleum Corporation for downhole commingling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of East Cottonwood Creek-Wolfcamp and Atoka production within the wellbore of its Lizzie Howard "HK" Well No. 1 located in Unit K of Section 13, Township 16 South, Range 25 East, Eddy County, New Mexico.
- CASE 6382:** Application of Yates Petroleum Corporation for downhole commingling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Permo-Penn and Little Box Canyon-Atoka production within the wellbore of its Federal "HQ" Well No. 1 located in Unit K of Section 5, Township 21 South, Range 22 East, Eddy County, New Mexico.
- CASE 6383:** Application of Yates Petroleum Corporation for downhole commingling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Eagle Creek Permo-Penn and the West Atoka-Morrow production within the wellbore of its Powell "DG" Com. Well No. 1 located in Unit O of Section 35, Township 17 South, Range 25 East, Eddy County, New Mexico.
- CASE 6384:** Application of Yates Petroleum Corporation for downhole commingling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Permo-Penn and Atoka production within the wellbore of its Federal "AB" Com. Well No. 5 located in Unit L of Section 21, Township 18 South, Range 25 East, Eddy County, New Mexico.
- CASE 6385:** Application of Yates Petroleum Corporation for downhole commingling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Box Canyon Permo-Penn and Box Canyon-Strawn production within the wellbore of its Huber I-A Federal Well No. 2 located in Unit P of Section 15, Township 21 South, Range 21 East, Eddy County, New Mexico.
- CASE 6386:** Application of Atlantic Richfield Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Ellenburger, Devonian, and McKee formations underlying the N/2 of Section 21, Township 22 South, Range 36 East, Lea County, New Mexico, to be dedicated to its Langley Greer Com Well No. 1 located 1650 feet from the North line and 1980 feet from the West line of said Section 21. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 6387:** Application of R B Petroleum Company for pool reclassification, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks the reclassification of the North Tocito Dome-Pennsylvanian Pool as an associated pool and the promulgation of special pool rules therefor. In the alternative, applicant seeks the abolishment of the North Tocito Dome-Pennsylvanian Pool and the inclusion of the abolished lands in the Tocito Dome Pennsylvanian "D" Associated Pool.
- CASE 6388:** Application of Amoco Production Company for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the E/2 of Section 20, Township 23 South, Range 29 East, Eddy County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 6389:** Application of Durham, Inc., for pool contraction and extension, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the contraction of the Indian Basin-Morrow Gas Pool by the deletion therefrom of the N/2 of Section 8, Township 21 South, Range 24 East, Eddy County, New Mexico, or in the alternative, all of said Section 8, and the extension of the Cemetery-Morrow Gas Pool to include the aforesaid N/2 or all of said Section 8.
- CASE 6390:** Application of C & E Operators for compulsory pooling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests down thru the Pictured Cliffs formation underlying the SW/4 of Section 10, Township 30 North, Range 11 West, San Juan County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 6391: Application of Acoma Oil Corporation for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Blinbry, Wantz-Abo, and Drinkard production within the wellbore of its Sarkeys Well No. 1 located in Unit A of Section 26, Township 21 South, Range 37 East, Lea County, New Mexico.

CASE 6364: (Continued from October 25, 1978, Examiner Hearing)

Application of Adobe Oil Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the base of the Ellenburger formation underlying the NW/4 SE/4 of Section 23, Township 20 South, Range 38 East, Lea County, New Mexico, to be dedicated to a proposed oil well to be drilled at a standard location thereon. Applicant seeks the pooling of the SE/4 of said Section 23 in the event said drilling results in a gas well. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

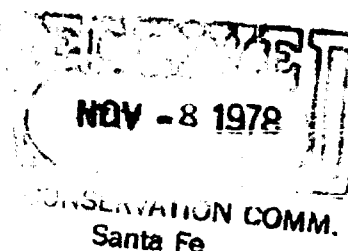
Dan Nuttler

Form	Oil	Gas
BL	7	TSTM
aso	2	14.4
Dr	2	12.4

GENERAL OFFICE
HARRIS BUILDING
ST. PAUL, MINN.
55102

ACOMA OIL CORPORATION
812 CONTINENTAL LIFE BUILDING
FORT WORTH, TEXAS 76102

October 27, 1978



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

Case 6391

Attention: Mr. Joe D. Ramey, Director

Re: Application for Downhole Commingling
Acoma Oil Corporation
S. J. Sarkeys Well No. 1-A
Blinebry, Drinkard & Wantz Abo Pools
Lea County, New Mexico

Gentlemen:

Acoma Oil Corporation respectfully requests that our application for approval of an exception to Rule 303-A to permit commingling of production from the Blinebry, Drinkard and Wantz Abo Pools in the well bore of the subject well be set for a hearing. We would appreciate having our hearing placed on the Commission Docket for November 22, 1978.

All zones in the Sarkeys 1-A have ceased to flow, causing a decline in production. If commingling is granted, a pumping unit will be installed to produce all zones through one string of tubing.

In support of this request, the following items are being submitted in duplicate:

1. Plat of the Sarkeys 1-A
2. Data sheet showing the completion intervals, fluid characteristics and bottom hole pressure data of the zones and the value of the crude oil.
3. Form C-116 - Gas-Oil Ratio Tests - Blinebry, Abo, Drinkard
4. Performance Curve - Blinebry
5. Performance Curve - Abo-Drinkard, presently commingled downhole.

New Mexico Conservation Commission
October 27, 1978

Page 2

It is Acoma's opinion that this commingling will not jeopardize the future of secondary recovery operations in any of these zones. The approval of this application will permit additional recovery of hydrocarbons that would otherwise be left in place. Since there is little difference in the bottom hole pressures in these zones, crossflow problems are not anticipated.

Production tests as shown on the C-116 reports indicate production from the commingled zones will not exceed the 50 barrels of oil per day limit set by Rule 303 (c) (b). Water production will be within the limits set by Rule 303 (c) (d).

It is requested that the daily maximum limit on gas that may be produced from the commingled zones be set at the top limit for casinghead gas of the Abo Pool.

Allocation of production will be divided among zones based on production test and by the subtraction method after commingling the three zones, as shown on the Data Sheet.

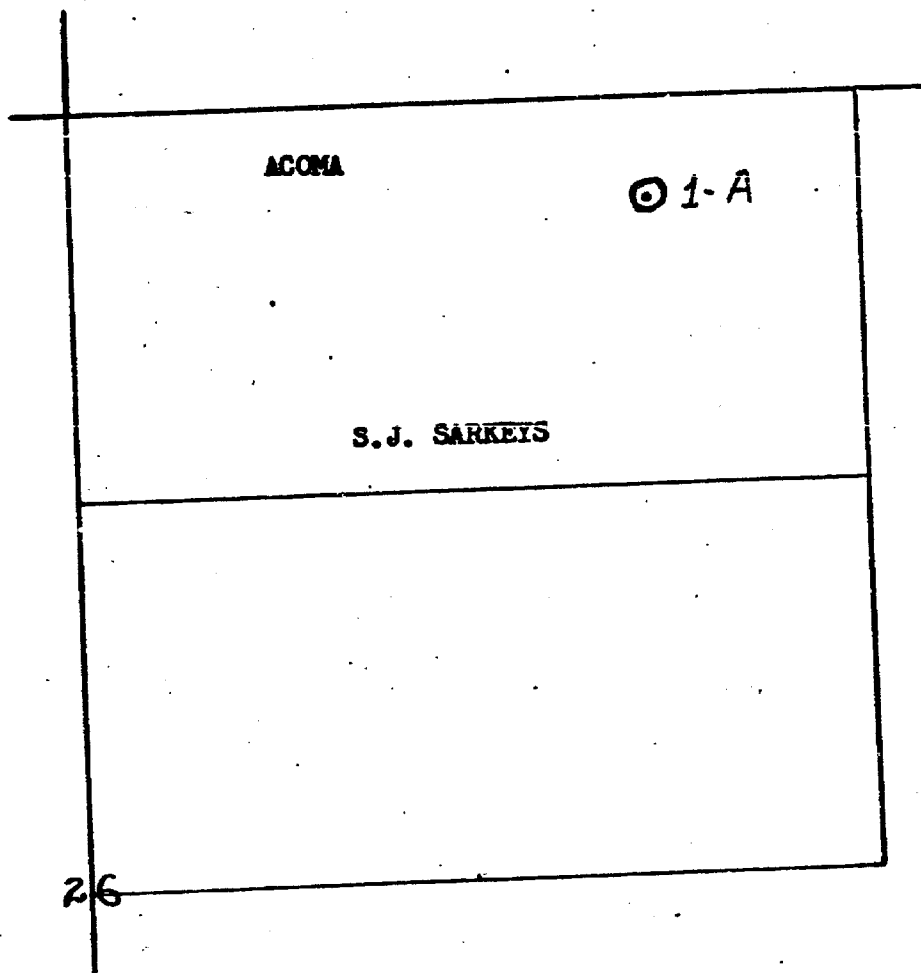
This lease is a fee property.

Yours very truly,

ACOMA OIL CORPORATION


Sam W. Hogan

SWH/arh
Enclosures



ACOMA OIL CORPORATION
S.J. SARKEYS LEASE
N $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 26, T21S, R37E
Lea County, New Mexico

DATA SHEET
Acoma Oil Corporation
S. J. Sarkey 1-A

Blinebry	Producing Interval	5733-5811
Drinkard	Producing Interval	6465-6575
Abo	Producing Interval	6867-7218

Fluid Gravities

Blinebry	38.6
Drinkard	38.2
Abo	38.7
Average gravity commingled oil	38.5
Value per barrel, average	\$14.80

All zones are commingled above ground by pipeline company.

Abo and Drinkard zones are commingled downhole at present time by Order No. R-4248, Case No. 4645. No incompatibility problems have been encountered.

Proposed oil allotment would be as follows:

Blinebry	Oil	58%	Gas	0
Drinkard	Oil	17%	Gas	47%
Abo	Oil	25%	Gas	53%

Call: 8
Provided 1-1-53

17-76

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

CL16
Revised 11-1-65

Operator		Pool		County													
ACOMA Oil Corporation		WHITE ABC		LEA													
Assets		G12 CONTINENTAL LIFE Bldg		ET WERTH, TEXAS													
LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	TYPE OF TEST - (X)	SCHEDULED <input checked="" type="checkbox"/>	Completion <input type="checkbox"/>	Special <input type="checkbox"/>	PROD. DURING TEST				GAS - OIL RATIO CU. FT./BBL.	GAS - OIL RATIO CU. FT./BBL.	
		U	S	T	R						WATER OILS	PROD. OIL BBL.S	GAS M.C.F.	GAS - OIL RATIO CU. FT./BBL.			
S.V. SAREYS A	1	D	26	C1	37	3-21-78	F	2 1/4"	240	3	24	1.0	44.0	2	14.4	7200	6400
	2	B	26	21	37	3-21-78	D	1"	25	5	24	1.0	39.5	5	12.9	2580	

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 allowable when authorized by the Commission.
Gas volumes must be reported in MCF measured at a pressure base of 15.025 psi 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 applicable pool rules.

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

Paul A. Winters
(Signature)
AGENT

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator		Pool		County											
ACOMA OIL CONSERVATION		DRINKARD		LEA											
Address		812 CENTINELA LIFE BLDG FT WORTH, TEXAS		Type of Test - (X)											
				Scheduled <input checked="" type="checkbox"/> Special <input type="checkbox"/>											
				Completion <input type="checkbox"/>											
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW. ABL.	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU. FT / BBL		
		U	S	T						N	WATER BBL.	PROD. OIL BBL.		GAS M.C.F.	
S. V. SARKIS A	1	A	26	21	37	3-20-78	2 1/4	230	2	24	1.0	400	2	12.4	6400

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


During gaswell 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 allowable when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 14.73 psia and a temperature of 60° F. Specific gravity base will be 0.60.

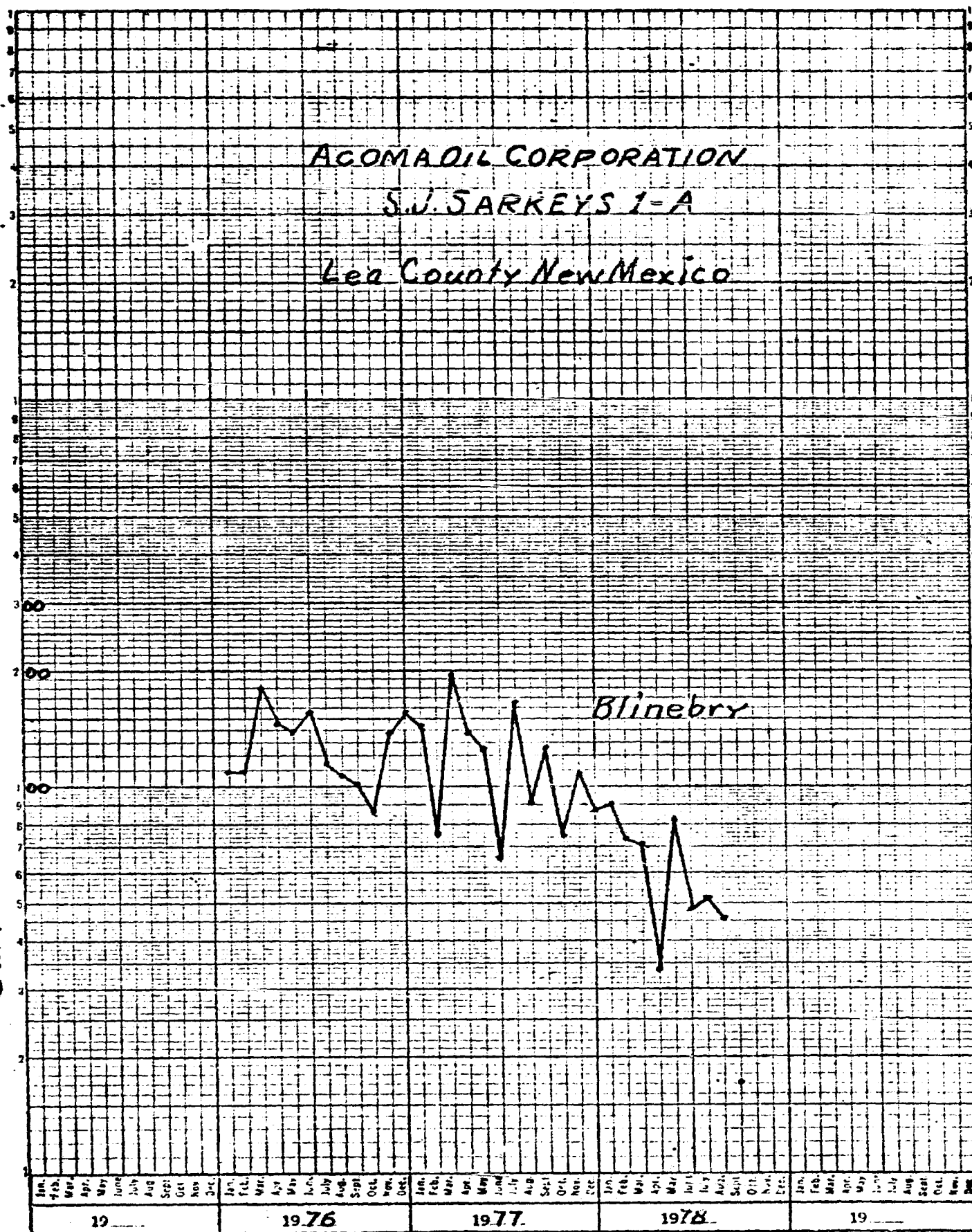
Report casing pressure in flow of tubing pressure for any well producing through casing.

Well original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 385 and appropriate pool rules.

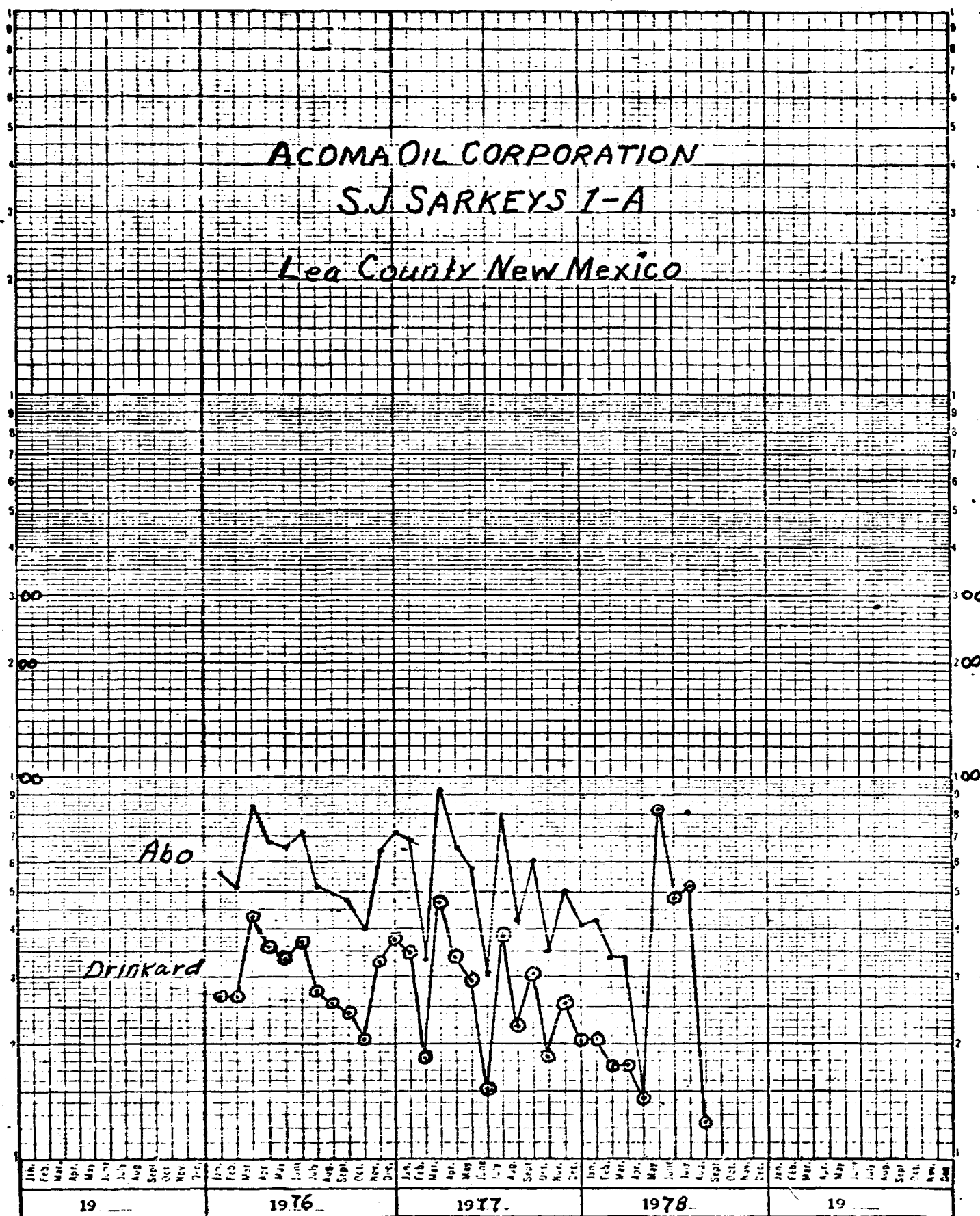
I hereby certify that the above information is true and complete to the best of my knowledge and belief.


A. G. Gentry
(Signature)

MADE IN U. S. A.
Barrels Oil Per Month



MADE IN U. S. A.
Barrels Oil Per Month



END OF DOCKET

Acoma Oil Corporation for DHC, Lea Cty

Blinberry
Wantz-Abo
Drinkard

Wellbore of Sarkeys Well No. ~~80~~ 1
A, 26, 215, 37E

10-30-78

Called by in Bill Carr

dr/

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 6391

Order No. R-5887

APPLICATION OF ACOMA OIL CORPORATION

FOR DOWNHOLE COMMINGLING, LEA

COUNTY, NEW MEXICO.

 
ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on November 21
19 78, at Santa Fe, New Mexico, before Examiner Daniel S.
Nutter.

NOW, on this December day of November, 19 78, the
Division Director, 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 Division has jurisdiction of this cause and the
subject matter thereof.

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

(3) That the applicant seeks authority to commingle
Blinbry, Wantz-Abo and Drinkard production
within the wellbore of the above-described well.

(4) That ~~the~~ from the Blinebry zone, the subject well is capable of low marginal production only.

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

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

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

(8) That the reservoir characteristics of each of the subject zones are such that underground waste would not be caused by the proposed commingling provided that the well is not shut-in for an extended period.

(9) That to afford the Division the opportunity to assess the potential for waste and to expeditiously order appropriate remedial action, the operator should notify the Hobbs district office of the Division any time the subject well is shut-in for 7 consecutive days.

(10) That in order to allocate the commingled production to each of the commingled zones in the subject well, 58 percent of the commingled oil ^{and none of the gas production} production should be allocated to the Blinebry zone, ~~and~~ ¹⁷ percent of the commingled oil production ^{and 47 percent of the gas production} production to the Wantz-Abo zone, and 25 percent of the commingled oil production, should be allocated to the Drinkard zone. ^{and 53 percent of the gas production}

~~(11) That in order to allocate the commingled production to each of the commingled zones in the wells, applicant should consult with the supervisor of the Hobbs district office of the Division and determine an allocation formula for each of the production zones.~~

(10) That Division Order No. R-4248, which previously authorized the commingling of Drinkard and Wantz-Abo production in the subject well, should be superseded.

IT IS THEREFORE ORDERED:

(1) That the applicant, Acoma Oil Corporation, is hereby authorized to commingle Blinebry, Wantz-Abo and Drinkard production within the wellbore of Sarkeys Well No. 1, located in Unit A of Section 26, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.

~~(2) That the applicant shall consult with the supervisor of the Hobbs district office of the Division and determine an allocation formula for the allocation of production to each zone in each of the subject wells.~~

~~(ALTERNATE)~~

(2) That 58 percent of the commingled oil production ^{and none of the gas production} shall be allocated to the Blinebry zone, and, 17 percent of the commingled oil production ^{and 47 percent of the gas production} shall be allocated to the Wantz-Abo zone, and 25 percent of the commingled oil production ^{and 53 percent of the gas} shall be allocated to the Drinkard zone.

(3) That the operator of the subject well shall immediately notify the Division's Hobbs district office any time the well has been shut-in for 7 consecutive days and shall concurrently present, to the Division, a plan for remedial action.

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

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

(4) That Division Order No. R. 4248 is hereby superseded.

5925 TS

Amway

CASE-6392: PLUGGING CASE - OGD
CORINNE GRACE, THE TRAVELERS INSURANCE
COMPANY, KODY COUNTY, NEW MEXICO