CASE RECORD FILE

5278 is MissinG

Dennis Rose

CASE # 5278 is Not Missing please disregard the proceeding document saying Otherwise Nennis Rose CASE 5278: Application of TEXACO FOR DOWNHOLE COMMINGLING, LEA COUNTY, NEW MEXICO.

CASE Mo. 5228

Application,

Transcripts,

Small Ekhibts

Page.	 ٠.		 ٠.	 L	٠.		٠.	

BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico July 24, 1974

EXAMINER HEARING

IN THE MATTER OF:

Application of Texaco, Inc. for downhole commingling, Lea County, New Mexico. Case No. 5278

BEFORE: Richard L. Stamets, Examiner.

TRANSCRIPT OF HEARING

APPEARANCES

For the New Mexico Oil Conservation Commission:

William Carr, Esq,
Legal Counsel for the
Commission
State Land Office Bldg.
Santa Fe, New Mexico

For the Applicant:

Booker Kelly, Esq.
WHITE, KOCH, KELLY &
McCARTHY
McKee Bldg.
220 Otero
Santa Fe, New Mexico

CASE 5278
Page......2....

<u>I N D E X</u>

$\mathcal{H}_{\mathrm{ad}}$	PAGE
EUGENE CRAIG HINRICHS	
Direct Examination by Mr. Kelly	3
Cross Examination by Mr. Stamets	13

<u>E X H I B I T S</u>

	Marked	Admitted
Texaco's Exhibits Nos. 1 through 16	Also ties	13
1 Chilough 10		13

MR. STAMETS: Call the next Case, 5278.

MR. CARR: Case 5278. Application of Texaco, Inc. for downhole commingling, Lea County, New Mexico.

MR. STAMETS: Call for appearances in Case 5278.

MR. KELLY: Booker Kelly of White, Koch, Kelly & McCarthy of Santa Fe on behalf of the Applicant, Mr. Examiner.

MR. STAMETS: Any other appearances? You may proceed Mr. Kelly.

MR. KELLY: Mr. Examiner, we have a large number of exhibits because there are three wells involved.

MR. STAMETS: Would you like to have your Witness stand and be sworn in the interim?

MR. KELLY: Yes, sir.

(Witness sworn.)

EUGENE CRAIG HINRICHS

called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. KELLY:

Q Would you state your full name, your employer and position that you hold?

A My name is Eugene Craig Hinrichs; I work for

CASE 5278

Texaco; I'm the District Production Engineer in Hobbs, New Mexico.

- Q Have you previously qualified as an expert witness in the field of Petroleum Engineering before the Commission?
 - A Yes, I have.
- Q Referring to the plat that has been marked as Exhibit No. 1, would you explain what Texaco seeks by this Application?

A We have three wells that we seek to triple downhole commingle, the Blinebry, Tubb and Drinkard zones. The first well is A.H. Blinebry NCT 1 Well No. 23. This is located in Section 29, Township 22 South, Range 38 East. The well is located 660 feet from the north line and 1980 feet from the west line. This well is presently completed in the Blinebry and Drinkard as a dual completion. We wish to open the Tubb and produce all three from one string of 10-7/8th-inch casing. We previously received approval to downhole commingle the Blinebry and Drinkard but this was not done because of waiting to open this thing in the Tubb zone and that was approved by administrative Order DC 133 issued May 20th of 1973.

The next well is A.H. Blinebry NCT 1 No. 26

HINRICHS-DIRECT

which is also completed in the Blinebry and Drinkard as a dual completion. We wish to open the Tubb in this well. It is located 650 feet from the north line, 1980 from the east line of Section 29, Township 22 South, Range 38 East. This well also has approval for downhole commingling the Blinebry and Drinkard but has not been done yet; we are waiting on the opening of the Tubb. This was approved by administrative Order DC 134 issued May 20th, 1973.

The third well we wish to downhole commingle is located in Section 18, Township 22 South, Range 38 East. This well is located 660 feet from the north line and 1980 feet from the west line. It's C.H. Lockhart Federal NCT 1 Well No. 5. This well is currently downhole commingled in the Tubb and Drinkard and we wish to open the Blinebry and shut the downhole commingle with three and produce it from one string of 5-1/2 casing.

Q All right. Let's start with the Well No. 23 and referring to Exhibits 2 and 3 you propose in your present completion. Would you explain that to the Commission?

A This well is currently a dual completion authorized by administrative Order MC 1607 issued March 17 of 1965.

This well is currently producing from Blinebry perfs from 5624 to 5791 and Drinkard perfs from 5869 to 7048.

HINRICHS-DIRECT

This well has 8-5/8ths-inch surface casing set a 1303 with cement circulated behind it. There are two strings of 2-7/8-inch casings; one set at 7097, the other at 7099. These two strings were cemented with 800 sacks of cement and the calculated cement top is at 2850. Our proposed completion: We will open the Tubb from 6152 to 6266 in the present Blinebry string. We will then communicate the strings down in the Drinkard interval and pump the well from the Drinkard zone and vent gas from the old Blinebry string.

Q All right. Now, you have Exhibit No. 4, which gives all the pertinent data for the three pools involved. Would you go over that briefly for the Examiner?

A This shows the production data for the Blinebry and Drinkard as it is actually measured in the proposed for the Tubb, which is estimated based on nearby Tubb production. The Blinebry and Drinkard are both pumping and the Tubb will need artificial lift upon completion. The bottomhole pressures are similar and this shows that there will be no cross-flow and also will keep the well pumped down so there will be no cross-flow between zones. All three crudes are sweet and gravities are similar and they are presently being commingled at the surface, the

Page. 7.....

Blinebry and Drinkard, and Tubb from other wells on the lease, so there is no compatibility problem. Also, these three zones are downhole commingled in A.H. Blinebry NCT 1 Well No. 28, which is two locations east of the subject well, and this was approved by administrative Order R-4587 issued July 13, 1973. Also, these three zones are downhole commingled in A.H. Blinebry NCT 1 Well No. 20, which is three locations north and one location west of the subject well. This was approved by Order R-4554 issued June 15th, 1973, and we have no compatibility problems in any of these wells and we don't anticipate any for the subject well. The GORs for these wells are somewhat high, but this is due to low oil production more than high gas production. We estimate that we will produce 181 mcf of gas, which is well within the allowable limits of 284. There would be no penalty due to over production of gas.

MR. STAMETS: Now that will be within the allowable limits of which pool at what GOR?

MR. HINRICHS: That's the Tubb pool, which is the lowest GOR.

MR. STAMETS: Okay. Thank you.

BY MR. KELLY:

Q You have some decline curves on these two producing

Commence to the second

MUNICIPAL PROPERTY OF THE MANY CONTRACTOR

H Ke stee min afficient to the first for the Blinkpin and Brighan and Leading Ill.

acadomic finite to be designed by a confit

budges only the trust and the material bearings.

we would be able to be able to be able to be a first

Allem FAL Sinne

Marie Company of the second THE TELL PROPERTY OF THE PROPE

please?

MR. HINRICHS: 87 percent for the Tubb, 9 percent for the Drinkard, and 4 percent for the Blinebry.

MR. STAMETS: Thank you.

BY MR. KELLY:

Q Now, go on to Well No. 23. Do you have any proposed and present completion sketches on those?

- A This is for Well 26?
- Q 26, excuse me.

A This well is currently a dual completion from the Blinebry and Drinkard authorized by administrative Order MC 1643 issued July 6th of 1965. This well has 9-5/8th-inch surface casing set at 1394 with cement circulated behind it. There are two strings of 2-7/8th-inch casing, both set at 7197. The well is currently producing from Blinebry purse from 5626 to 5831 and from Drinkard purse from 6973 to 7169. The two strings of 2-7/8th-inch casing were cemented with 1200 sacks of cement with a calculated cement top at 2350.

Our proposed completion, shown on Exhibit 8, we will recomplete the Tubb from 6236 to 6347 in the old Blinebry strain, communicate the two strains in the Drinkard interval and pump from the Drinkard and vent

gas from the old Blinebry strain.

- Q You have a well data sheet on this well also, correct?
- A Yes, I do. This also shows the production data from the Blinebry and Drinkard, which is actual production and from the estimated Tubb. The bottomhole pressures are similar and the well would be kept pumped down so there would be no cross flow between zones. Also, the gravities are similar and they are the same type of crude, all three are sweet, so there would be no compatibility problem. Also, as I mentioned before, these three zones are downhole commingled in A.H. Blinebry NCT 1, 20 and 28. The gas production from this well will be 77 mcf per day, which is within the allowed limits of 284.
- Q Now, you have got a lower estimate for the Tubb in this well? The Exhibit has been corrected?
 - A Yes, it has.
- Q All right. You have got performance curves on the two separate pools which are now presently producing?
- A Yes, I do. Exhibits 10 and 11 show the production history for the Blinebry and the Drinkard. These are also on .6 percent decline and we have a proposed allocation for this well after commingling. It is the same as the

HINRICHS-DIRECT

previous well; 4 percent to the Blinebry, 9 percent to the Drinkard, and 87 percent to the Tubb.

- Q And you have an estimate of what additional reserves you would be able to recover if this Application is granted?
 - A Yes, I do. 3700 barrels.
- Q It would significantly prolong the life of the three zones?
 - A Yes, it will.
 - Q Okay. Let's go on to Well No. 5?
 - A C.H. Lockhart, Well No. 5.
- Q Referri , to your proposed and present completion, Exhibits Nos. 12 and 13?

A Exhibit 12 shows the present completion. This
Well is currently downhole commingled in the Tubb and
Drinkard zones as was authorized by administrative Order
DHC 13 issued December 10th, 1969. The well was originally
a dual completion as authorized by administrative Order
DC 990. The Well currently has 13-3/8th-inch surface
casing set at 396, with cement circulated behind it. There
is an intermediate string of 8-5/8th-inch casing set at
2830. Cement is circulated behind it also. The oil
string is 5-1/2-inch casing set at 6840, which was cemented

with 500 sacks and the cement top was calculated at 3415. The Tubb and Drinkard are currently downhole commingled and producing out of one string of 2-3/8th-inch tubing which was set at 6770. The proposed completion is shown on Exhibit 13. What we plan to do is to open the Tubb from 6170 to 6210, I beg your pardon, the Blinebry from 5580 to 5753 and downhole commingle it with the Tubb and Drinkard and produce out of one string of 2-3/8th-inch tubing.

Q All right. Go on to your well data; that would be Exhibit No. 15, or 14.

A This shows actual production for the Tubb-Drinkard commingled zones and our estimated production data from the Blinebry. As in the previous wells mentioned, the bottomhole pressures of each zone are similar and the well will be kept pumped down so there will be no cross flow between zones. All crudes are sweet and gravities are similar so there will be do compatibility problems, and likewise, these three zones are commingled in the two wells I mentioned previously, A.H. Blinebry NCT 1, 20 and 28. The GOR for the Tubb-Drinkard is 26,000, which is pretty high, but our gas production after commingling will be 186 mcf which is within the limits of 284.

Q All right. Now, Exhibits 15 and 16 are your two

THE NYE REPORTING SERVICE
STATE-WIDE DEPOSITION NOTARIES
225 JOHNSON STREET
SANTA FE, NEW MEXICO 87501
TEL. (505) 982-0386

1

CASE 5278
Page......12

performance curves. Would you explain those?

A Yes. These indicate 26 percent decline for each zone and we have an allocation for each zone. Currently the allocation for the downhole-commingled Tubb and Drinkard is 63 percent to the Tubb and 37 percent to the Drinkard, and based on this our 6 barrels per day was broken out 4 barrels to the Tubb and 2 to the Drinkard. Based on production of 15 barrels per day from the Blinebry we recommend an allocation of 19 percent to the Tubb, 10 percent to the Drinkard, and 71 percent to the Blinebry.

- Q What is your estimate of additional recoverable reserves?
- A By commingling this we'll recover an additional 2400 barrels of oil.
- Q All right. In summary, as I understand it, the three zones are commingled in the area?
 - A That's right.
 - Q Successfully?
 - A That's correct.
- Q And your crudes are compatible and your downhole pressures are reasonably equal?
 - A That's right.
 - Q In your opinion, the granting of this Application

HINRICHS-DIRECT CROSS

CASE 5278
Page 13

will prevent waste in the three wells by allowing you to recover oil and gas that would otherwise be lost?

- A That's right.
- Q Were Exhibits 1 through 16 prepared by you or under your supervision?

A Yes, they were.

MR. KELLY: We move the introduction of Texaco's Exhibits 1 through 16.

MR. STAMETS: These Exhibits will be admitted.

(Whereupon, Texaco's Exhibits Nos.

1 through 16 were admitted into evidence.)

CROSS EXAMINATION

BY MR. STAMETS:

Q Mr. Hinrichs, is it possible that upon completion you might get somewhat different production from these zones than you anticipated and the percentages would be different than you proposed here?

A Yes, that is possible. The change would be from the zones that were opened up and in that case we recommend the subtraction method to determine what is coming from the new zone. In other words, if we estimated 20 for the Tubb and we have an actual production of 3 barrels a day from the Blinebry and Drinkard, that would come out to 23. If we get 30 barrels a day we would have to assume that 27

HINRICHS-CROSS

of that was coming from the Tubb and reallocate it and reproportion it according to that.

Q Would it be better to have an Order which allows you to make this determination following completion rather then spelling out the percentages?

A That would probably be a good idea. We did this as an example to show you how we would do it.

Q How long do you think it would take after completion of these zones to establish enough of a pattern to make that determination?

A I think probably about a month it would take to stabilize it.

Q You would notify the District Office of the date and time of the production tests?

A Yes.

MR. STAMETS: Are there any other questions of the Witness? He may be excused. Anything further in this Case? We will take the Case under advisement.

CASE	5278
Page	15

STATE OF NEW MEXICO SS. COUNTY OF SANTA FE

I, RICHARD L. NYE, Court Reporter, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and the same is a true and correct record of the said proceedings, to the best of my knowledge, skill and ability.

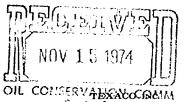
RICHARD L. NYE, Court Reporter

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 52.78

New Mexico Oil Conservation Commission



November 14, 1974



Seniorawer 728
HOBBS, NEW MEXICO 88240

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

Re: Order R-4837

Downhole Commingle

A.H. Blinebry Fed. NCT-1 No. 26

Attention: Mr. A. I. Porter

Gentlemen:

TEXACO'S A. H. Blinebry Federal NCT-1 Well No. 26 was recently downhole commingled in the Blinebry, Tubb, and Drinkard zones as authorized by NMOCC Order No. R-4837 issued August 13, 1974. Prior to commingling this well was producing 2 BOPD from the Drinkard zone and 1 BOPD from the Blinebry zone. After recompletion in the Tubb and commingling with the Blinebry and Drinkard, this well produced 38 BOPD. The 35 BOPD increase in this well's production is attributed to the recompletion in the Tubb zone. As per paragraph 2 of the above mentioned order the following production allocation was agreed upon by Messrs. J. D. Ramey and E. C. Hinrichs in their telephone conversation November 13, 1974:

Tubb 92% Drinkard 5% Blinebry 3%

Yours very truly,

J. V. Gannon

District Superintendent

ECH/kw OCC-Hobbs USGS-Hobbs



OIL CONSERVATION COMMISSION

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

August 13, 1974

I. R. TRUJILLO CHAIRMAN

LAND COMMISSIONER ALEX J. ARMIJO MEMBER

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

5278

,	Re:	CASE NO	5278
Mr. Booker Kelly		ORDER NO	R-4837
White, Koch, Kelly & McCa Attorneys at Law Post Office Box 787	rthy	Applicant:	
Santa Fe, New Mexico		Texaco 1	inc.
Dear Sir:			
Enclosed herewith are two Commission order recently			
	Very truly	y yours,	
	A.Z.	Porter, G	7
	A. L. PORT		
	. 1. 7		
ALP/ir			
Copy of order also sent to	:		
Hobbs OCC x			•
Artesia OCC Aztec OCC			
nziec 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. 5278 Order No. R-4837

APPLICATION OF TEXACO, INC. FOR DOWNHOLE COMMINGLING, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on July 24, 1974, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 13th day of August, 1974, 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, Texaco, Inc., is the owner and operator of its A. H. Blinebry Federal (NCT-1) Wells Nos. 23 and 26, located in Units C and B, respectively, of Section 29, and its C. H. Lockhart Federal Well No. 5, located in Unit C of Section 18, all in Township 22 South, Range 38 East, NMPM, Lea County, New Mexico.
- (3) That the subject wells are currently completed as follows:
 - A. H. Blinebry Federal (NCT-1) Well No. 23:

dual completion (tubingless) producing oil from the Drinkard and oil from the Blinebry formation through two strings of 2 7/8-inch casing cemented in a common wellbore.

A. H. Blinebry Federal (NCT-1) Well No. 26:

dual completion (tubingless) producing oil from the Drinkard and oil from the Blinebry

-2-Case No. 5278 Order No. R-4837

formation through two strings of 2 7/8-inch casing cemented in a common wellbore.

C. H. Lockhart Federal Well No. 5:

dual completion, downhole commingled, producing commingled oil from the Tubb and Drinkard formations through a single string of 2 3/8-inch casing.

- (4) That the applicant proposes to recomplete each of the subject wells as follows:
 - A. H. Blinebry Federal (NCT-1) Well No. 23:

triple completion, tubingless, downhole commingled, to produce oil from the Blinebry, Drinkard, and Tubb formations through one string of casing with all or part of the commingled gas production being produced through a second string of casing.

A. H. Blinebry Federal (NCT-1) Well No. 26:

triple completion, tubingless, downhole commingled, to produce oil from the Blinebry, Drinkard, and Tubb formations through one string of casing with all or part of the commingled gas production being produced through a second string of casing.

C. H. Lockhart Federal (NCT-1) Well No. 5:

triple completion, downhole commingled, to produce oil from the Blinebry, Drinkard, and Tubb formations through one string of casing.

- (5) That each of the zones to be commingled in the subject wells is capable of low marginal production only.
- (6) That the proposed commingling will not violate correlative rights and may result in the recovery of additional oil from each of the subject pools, thereby preventing waste.
- (7) 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 wells are not shut-in for an extended period.
- (8) That in order to afford the Commission the opportunity to assess the potential for waste and expeditiously to order appropriate remedial action, the operator should notify the Hobbs District Office of the Commission any time any of the subject wells are shut-in for 7 consecutive days.

-3-Case No. 5278 Order No. R-4837

- (9) That upon completion of each of the subject wells, the applicant should consult with the Supervisor of the Commission's Hobbs district office in order to determine a formula for the allocation of the commingled production to each of the commingled zones in the subject wells.
- (10) That each of the subject wells should continue to be governed by all Commission Rules and Regulations governing multiple completions to the extent that said Rules and Regulations are not inconsistent with this order.

IT IS THEREFORE ORDERED:

- (1) That the applicant, Texaco, Inc., is hereby authorized to complete its A. H. Blinebry Federal (NCT-1) Well No. 23, located in Unit C of Section 29, its A. H. Blinebry Federal (NCT-1) Well No. 26, located in Unit B of Section 29, and its C. H. Lockhart Federal (NCT-1) Well No. 5, located in Unit C of Section 18, all in Township 22 South, Range 38 East, NMPM, Lea County, New Mexico, as multiple completions as follows:
 - A. H. Blinebry Federal (NCT-1) Well No. 23:

triple completion, tubingless, downhole commingled, to produce oil from the Blinebry, Drinkard, and Tubb formations through one string of 2 7/8-inch casing with all or part of the commingled gas production being produced through a second string of 2 7/8-inch casing.

A. H. Blinebry Federal (NCT-1) Well No. 26:

triple completion, tubingless, downhole commingled, to produce oil from the Drinkard, Blinebry and Tubb formations through one string of 2 7/8-inch casing with all or part of the commingled gas production being produced through a second string of casing.

C. H. Lockhart Federal (NCT-1) Well No. 5:

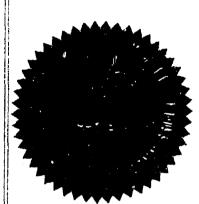
triple completion, downhole commingled, to produce oil from the Blinebry, Drinkard, and Tubb formations through one string of 2 3/8-inch casing.

(2) That upon completion of each of the subject wells in the manner described above, the operator shall immediately consult with the supervisor of the Commission District Office at Hobbs to determine a formula for allocation of production to each of the commingled zones in such well.

-4-Case No. 5278 Order No. R-4837

- (3) That the operator of the subject wells shall immediately notify the Commission's Hobbs District Office any time any of such wells have been shut-in for 7 consecutive days.
- (4) That jurisdiction of this cause is retained for the entry of such further orders as may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year herein-above designated.



STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

I. R. TRUJILLO, Chairman

ALEX J. ARMIJO. Member

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

SEAL

Dockets Nos. 22-74 and 24-74 are tentatively set for hearing on August 7 and August 21. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - JULY 24, 1974

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

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

CASE 4954: (Reopened)

In the matter of Case 4954 being reopened pursuant to the provisions of Order No. R-4555, which order established temporary special pool rules for the South Lindrith Gallup-Dakota Oil Pool, Rio Arriba County, New Mexico, including a provision for 160-acre spacing. All interested parties may appear and show cause why said pool should not be developed on 40-acre spacing.

CASE 5277:

Application of Pierce & Dehlinger for the amendment of Order No. R-4560, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an extension of time in which to commence the drilling of the third well covered by Order No. R-4560, to be drilled in the NE/4 of Section 24, Township 9 South, Range 33 East, Vada-Pennsylvanian Pool, Lea County, New Mexico. Applicant further seeks the establishment of an administrative procedure for additional extension of time in which to comply with the drilling schedule as set forth in the subject order. Applicant further seeks the amendment of Orders Nos. 4 and 5 of Order No. R-4560 to provide certain changes in the time schedules outlined therein for the furnishing of estimated well costs and the payment of proportionate shares of well costs by all parties.

CASE 5278:

Application of Texaco Inc. for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Blinebry, Drinkard, and Tubb production in the wellbores of its A. H. Blinebry Federal Wells Nos. 23 and 26, located in Units C and B, respectively, of Section 29, and its C. H. Lockhart Federal Well No. 5, located in Unit C of Section 18, all in Township 22 South, Range 38 East, Lea County, New Mexico.

CASE 5279:

Application of Tom L. Ingram for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Delaware Sand in the perforated interval from 5012 feet to 5033 feet in his State "O" Well No. 2 located in Unit E of Section 7, Township 24 South, Range 33 East, Triple X-Delaware Pool, Lea County, New Mexico.

CASE 5280:

Application of Coastal States Gas Producing Company for an unorthodox location and the amendment of Order No. R-4715, Lea County, New Mexico. Applicant, in the above-styled cause, seeks, as an exception to Order No. R-2746, approval for the unorthodox oil well location for its

(Case 5280 continued from Page 1)

McGuffin Well No. 3 to be drilled 660 feet from the North line and 1980 feet from the West line of Section 29, Township 9 South, Range 33 East, Flying "M" San Andres Pool, Lea County, New Mexico, the N/2 NW/4 of said Section 29 to be dedicated to the well. Applicant further seeks the amendment of Order No. R-4715 which dedicated the W/2 NW/4 of Section 29 to its McGuffin Well No. 2 located 1980 feet from the North line and 660 feet from the West line of said Section 29. Applicant proposes that the N/2 NW/4 of said Section 29 be dedicated jointly to said McGuffin Well No. 2 and to its McGuffin Well No. 1 located in Unit F of said Section 29.

- CASE 5281: Application of Morris R. Antweil for an extension of time, Order No. R-4772, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks a 90-day extension of the July 15 deadline for the commencement of drilling operations in the S/2 of Section 17, Township 22 South, Range 27 East, South Carlsbad Field, Eddy County, New Mexico, which lands were pooled to form a standard 320-acre gas spacing and proration unit by Order No. R-4772.
- CASE 5282: Application of Union Texas Petroleum Corporation for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Jalmat and Langlie-Mattix production in certain of its wells in the Langlie-Jal Unit Area, currently being waterflooded under authority of Commission Order No. R-4051.

CASE 4969: (Reopened)

In the matter of Case No. 4969 being reopened pursuant to the provisions of Order No. R-4557-A, which order continued the special depth bracket allowable for the Tocito Dome-Pennsylvanian "D" Pool, San Juan County, New Mexico, for an additional six months. All interested parties may appear and show cause why said special depth bracket allowable should not be rescinded.

CASE 5283: Application of Belco Petroleum Corporation for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in formations of Pennsylvanian age or older underlying the W/2 of Section 5, Township 22 South, Range 27 East, Eddy County, New Mexico, to be dedicated to a well to be drilled at a standard location for said unit in Unit F of said Section 5. Also to be considered will be the cost of drilling and completing said well and the allocation of such costs, as well as actual operating costs and charges for supervision. Also to be considered is the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 5284: Application of Champlin Petroleum Company for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Nix-Yates Well No. 1 located in Unit G of Section 2, Township 22 South, Range 27 East, Eddy County, New Mexico, in such a manner as to produce gas from the Norrow formation through tubing and from the Wolfcamp formation through the casing-tubing annulus.

CASE 5152: (Reopened)

In the matter of Case No. 5152 being reopened pursuant to the provisions of Order No. R-4713, which order established a special depth bracket allowable for the Media-Entrada Oil Pool, Sandoval County, New Mexico. All interested parties may appear and show cause why said special depth bracket allowable should not be rescinded.

- CASE 5285: Application of Texas Pacific Oil Co. for an unorthodox location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox gas well location of its Phantom Draw Unit Well No. 1 to be located at a point 800 feet from the South line and 1000 feet from the West line of Section 20, Township 26 South, Range 31 East, Eddy County, New Mexico, the W/2 of said Section 20 to be dedicated to the well.
- CASE 5286: Application of Texaco Inc. for a Special Allowable, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for an injection response allowable increase for its Vacuum Grayburg-San Andres Unit Pressure Maintenance Project, Lea County, New Mexico. Applicant seeks an additional 2320 barrels of oil per day to be added incrementally to the current 4640 barrel per day allowable as injection response occurs. Applicant further seeks the establishment of an allowable of up to 240 barrels per day for lease line wells which have demonstrated a substantial response to water injection.

is owner operator of produffing for Stige by Frinderd, Co NM that exited said wells are currently 2010s respectively. of the wells is low marg. Applicant proposes to perf the additional Tubb, Drinkard, or Blby trone in at of said wells and to produce three zonez commingle common well boxe. Determine 10 prodution within 30 days of date Lirst commingle product by test approved Hobbs dist supver. good conservation and all regular stuff Pprove

Dockets Nos. 22-74 and 24-74 are tentatively set for hearing on August 7 and August 21. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - JULY 24, 1974

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

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

CASE 4954: (Reopened)

In the matter of Case 4954 being reopened pursuant to the provisions of Order No. R-4555, which order established temporary special pool rules for the South Lindrith Gallup-Dakota Oil Pool, Rio Arriba County, New Mexico, including a provision for 160-acre spacing. All interested parties may appear and show cause why said pool should not be developed on 40-acre spacing.

CASE 5277: Application of Pierce & Dehlinger for the amendment of Order No. R-4560, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an extension of time in which to commence the drilling of the third well covered by Order No. R-4560, to be drilled in the NE/4 of Section 24, Township 9 South, Range 33 East, Vada-Pennsylvanian Pool, Lea County, New Mexico. Applicant further seeks the establishment of an administrative procedure for additional extension of time in which to comply with the drilling schedule as set forth in the subject order. Applicant further seeks the amendment of Orders Nos. 4 and 5 of Order No. R-4560 to provide certain changes in the time schedules outlined therein for the furnishing of estimated well costs and the payment of proportionate shares of well costs by all parties.

CASE 5278:

Application of Texaco Inc. for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Blinebry, Drinkard, and Tubb production in the wellbores of its A. H. Blinebry Federal Wells Nos. 23 and 26, located in Units C and B, respectively, of Section 29, and its C. H. Lockhart Federal Well No. 5, located in Unit C of Section 18, all in Township 22 South, Range 38 East, Lea County, New Mexico.

CASE 5279: Application of Tom L. Ingram for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Delaware Sand in the perforated interval from 5012 feet to 5033 feet in his State "O" Well No. 2 located in Unit E of Section 7, Township 24 South, Range 33 East, Triple X-Delaware Pool, Lea County, New Mexico.

CASE 5280: Application of Coastal States Gas Producing Company for an unorthodox location and the amendment of Order No. R-4715, Lea County, New Mexico. Applicant, in the above-styled cause, seeks, as an exception to Order No. R-2746, approval for the unorthodox oil well location for its

(Case 5280 continued from Page 1)

McGuffin Well No. 3 to be drilled 660 feet from the North line and 1980 feet from the West line of Section 29, Township 9 South, Range 33 East, Flying "M" San Andres Pool, Lea County, New Mexico, the N/2 NW/4 of said Section 29 to be dedicated to the well. Applicant further seeks the amendment of Order No. R-4715 which dedicated the W/2 NW/4 of Section 29 to its McGuffin Well No. 2 located 1980 feet from the North line and 660 feet from the West line of said Section 29. Applicant proposes that the N/2 NW/4 of said Section 29 be dedicated jointly to said McGuffin Well No. 2 and to its McGuffin Well No. 1 located in Unit F of said Section 29.

- CASE 5281: Application of Morris R. Antweil for an extension of time, Order No. R-4772, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks a 90-day extension of the July 15 deadline for the commencement of drilling operations in the S/2 of Section 17, Township 22 South, Range 27 East, South Carlsbad Field, Eddy County, New Mexico, which lands were pooled to form a standard 320-acre gas spacing and proration unit by Order No. R-4772.
- CASE 5282: Application of Union Texas Petroleum Corporation for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Jalmat and Langlie-Mattix production in certain of its wells in the Langlie-Jal Unit Area, currently being waterflooded under authority of Commission Order No. R-4051.

CASE 4969: (Reopened)

In the matter of Case No. 4969 being reopened pursuant to the provisions of Order No. R-4557-A, which order continued the special depth bracket allowable for the Tocito Dome-Pennsylvanian "D" Pool, San Juan County, New Mexico, for an additional six months. All interested parties may appear and show cause why said special depth bracket allowable should not be rescinded.

CASE 5283: Application of Belco Petroleum Corporation for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in formations of Pennsylvanian age or older underlying the W/2 of Section 5, Township 22 South, Range 27 East, Eddy County, New Mexico, to be dedicated to a well to be drilled at a standard location for said unit in Unit F of said Section 5. Also to be considered will be the cost of drilling and completing said well and the allocation of such costs, as well as actual operating costs and charges for supervision. Also to be considered is the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

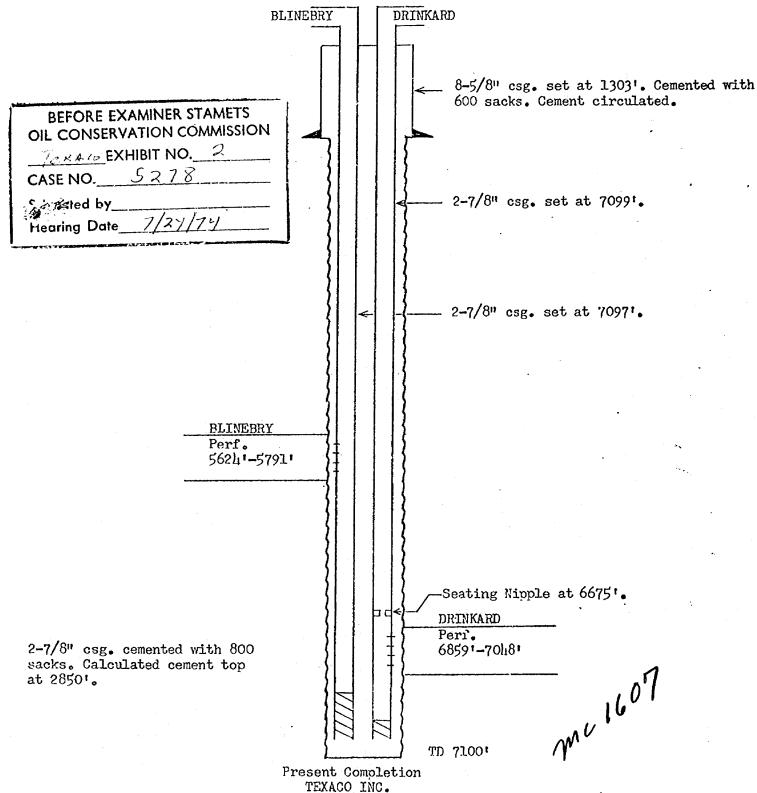
-3--

CASE 5284: Application of Champlin Petroleum Company for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Nix-Yates Well No. 1 located in Unit G of Section 2, Township 22 South, Range 27 East, Eddy County, New Mexico, in such a manner as to produce gas from the Morrow formation through tubing and from the Wolfcamp formation through the casing-tubing annulus.

CASE 5152: (Reopened)

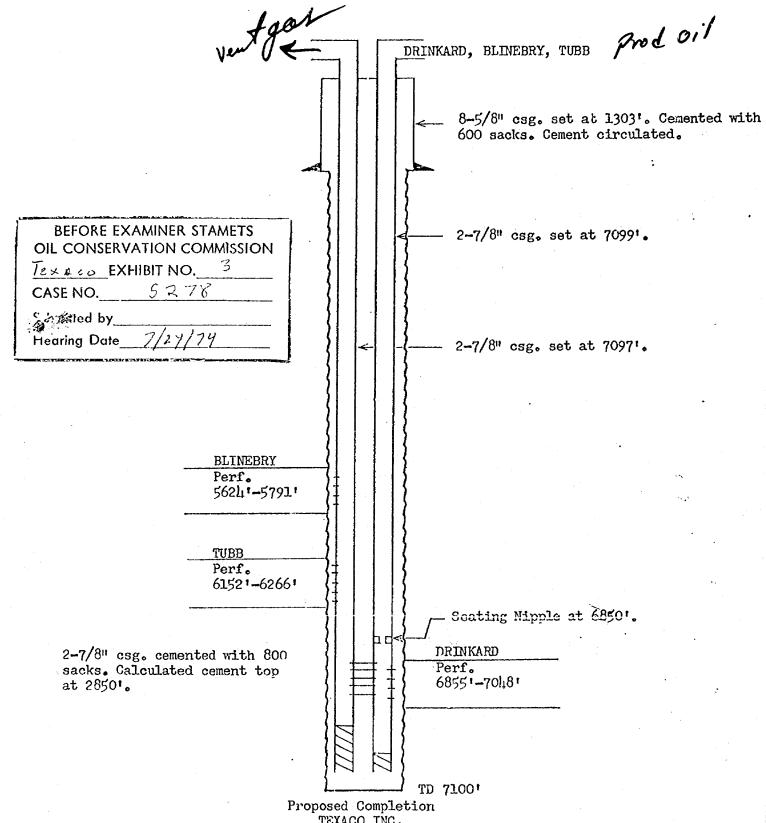
In the matter of Case No. 5152 being reopened pursuant to the provisions of Order No. R-4713, which order established a special depth bracket allowable for the Media-Entrada Oil Pool, Sandoval County, New Mexico. All interested parties may appear and show cause why said special depth bracket allowable should not be rescinded.

- CASE 5285: Application of Texas Pacific Oil Co. for an unorthodox location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox gas well location of its Phantom Draw Unit Well No. 1 to be located at a point 800 feet from the South line and 1000 feet from the West line of Section 20, Township 26 South, Range 31 East, Eddy County, New Mexico, the W/2 of said Section 20 to be dedicated to the well.
- CASE 5286: Application of Texaco Inc. for a Special Allowable, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for an injection response allowable increase for its Vacuum Grayburg-San Andres Unit Pressure Maintenance Project, Lea County, New Mexico. Applicant seeks an additional 2320 barrels of oil per day to be added incrementally to the current 4640 barrel per day allowable as injection response occurs. Applicant further seeks the establishment of an allowable of up to 240 barrels per day for lease line wells which have demonstrated a substantial response to water injection.



Present Completion
TEXACO INC.

A.H. BLINEBRY (NCT-1) NO. 23
DRINKARD AND BLINEBRY POOIS
LEA COUNTY, NEW MEXICO



Proposed Completion
TEXACO INC.
A.H. BLINEBRY (NCT-1) NO. 23
DRINKARD, BLINEBRY AND TUBB POOLS
LEA COUNTY, NEW MEXICO

DATA SHEET FOR WELLBORE COMMINGLING

Operator: TEXACO INC.

Address: P. O. Box 728 - Hobbs, New Mexico 88240

Lease and Well No.: A. H. Blinebry Federal (NCT-1) No. 23

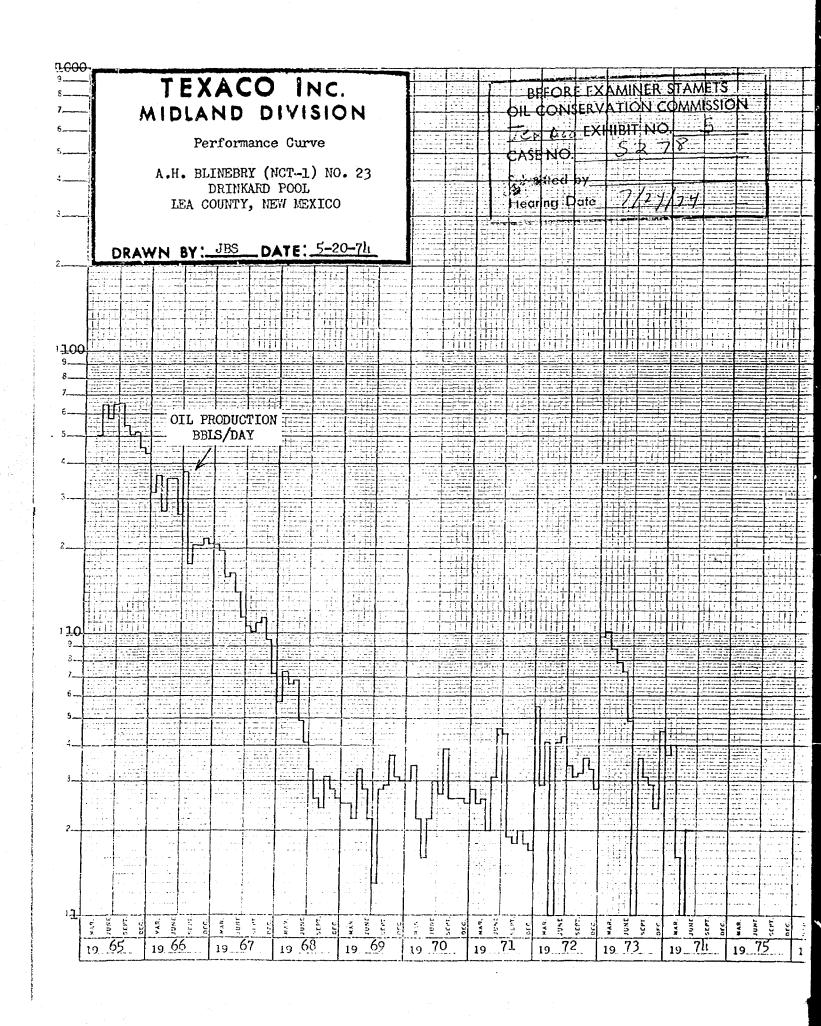
Location: 660' FNL & 1980' FWL, Section 29, Township 22 South, Range 38 East

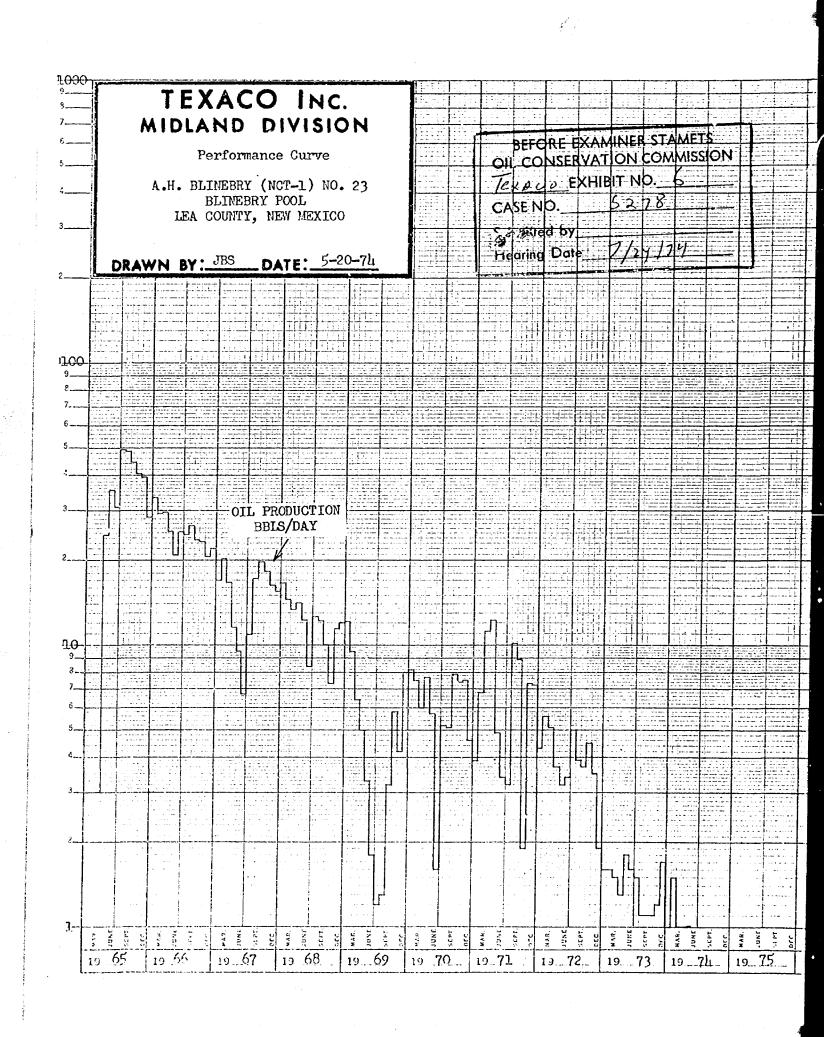
WELL DATA	Upper Pool	Middle Pool	Lower Pool
Name of Pool	Blinebry	Tubb (Proposed)	Drinkard
Producing Method	Pumping		Pumping .
BHP	350-400 (Est.)	500 (Est.)	500 (Est.)
Type Crude	Sweet	Sweet	Sweet
Gravity	38.0	38.8 (Est.)	38.7
GOR Limit	4,000	2,000	6,000
Completion Interval	5624'-5791'	6152'-6266'	6855'-7048'
Current Test Date	5-6-74		5-7-74
011	1	20 (Est.)	2
Water	0	0 (Est.)	2
GOR	20,000	5,800 (Est.)	22,500
Selling Price of Crude - \$/BBL.	5.27	5.27	5,27
Daily Income - \$/Day	5.27	105.40 (Est.)	10.54

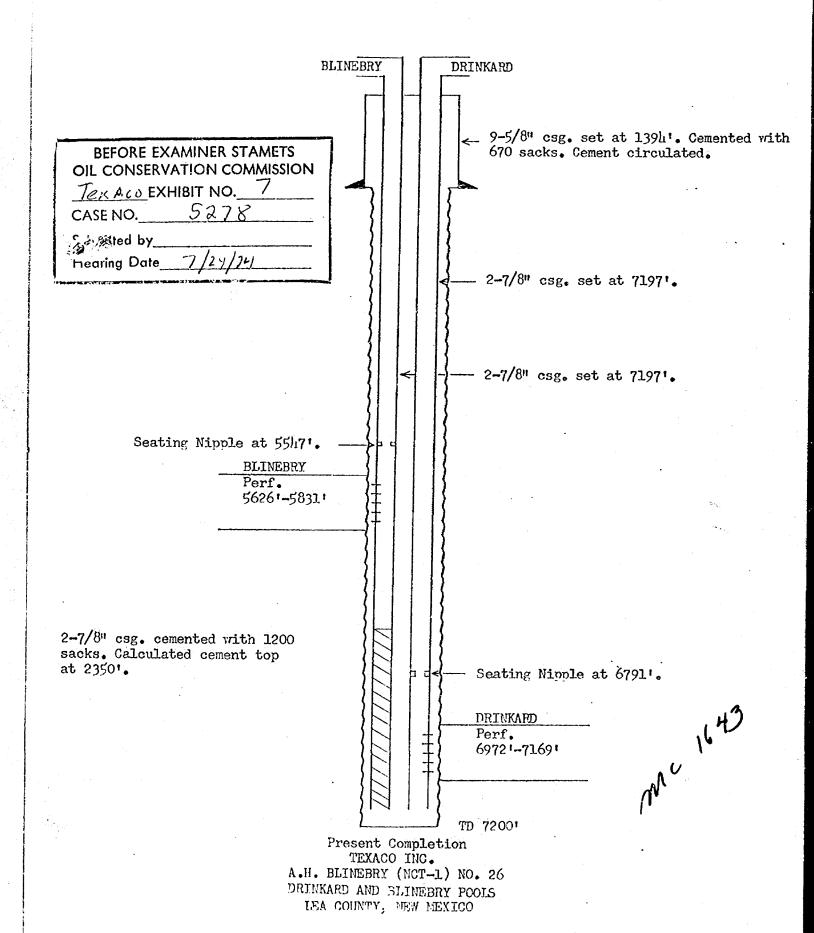
COMMINGLED DATA: Gravity of Commingled Crude 38.4 Selling Price of Commingled Crude - \$/88L. 5.27

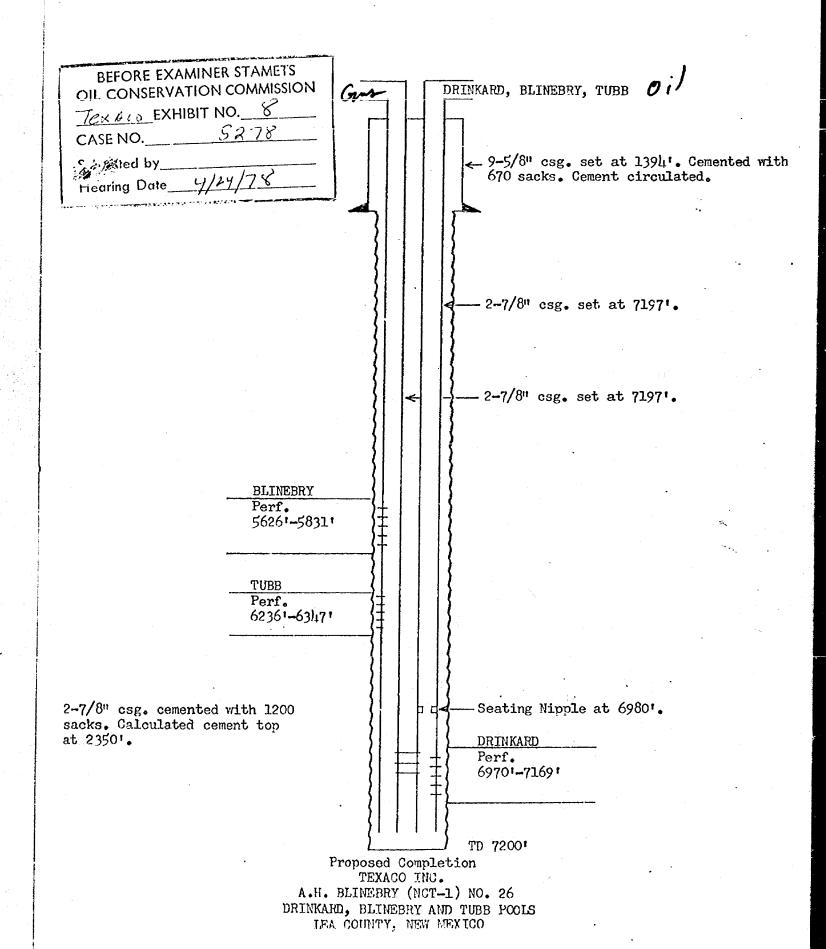
Dally Income - \$/Day 3 121

Net (Gain) (1989) from Wellbore Commingling - \$/Day 105 (Production increase of \$\sigma BOPD) based on current producing rates.









Operator: TEXACO INC.

Address: P. O. Box 728 - Hobbs, New Mexico 88240

Lease and Well No.: A. H. Blinebry Federal (NCT-1) No. 26

Location: 1980' FEL and 660' FNL of Section 29, Township 22 South, Range 38 East

WELL DATA	Upper Pool	Middle Poot	Lower Pool
Name of Pool	Blinebry	Tubb (Proposed)	Drinkard
Producing Method	Pump	pd 34	Pumo
ВНР	350-400 (Est.)	500 (Est.)	500 (Est.)
Type Crude	Sweet	Sweet	Sweet
Gravity	38.0	38.8 (Est.)	38.7
GOR Limit	4,000	2,000	6,000
Completion Interval	5626'-5831'	6236'-6347' (Proposed)	6972'-7169'
Current Test Date	5-10-74	ere må Der emblemme der generalen der einer en krypter gleiche schalle generalen geschiede betreit generalen geschied	5-12-74
011	1	20 (Est.)	2
Water	0	0 (Est.)	0
GOR	7,000	4,000 (Est.)	15,000
elling Price of Crude -	_		
\$/BBL.	5.27	5.27	5.27
Dally Income - \$/Day	5.27	tra pol	10.54

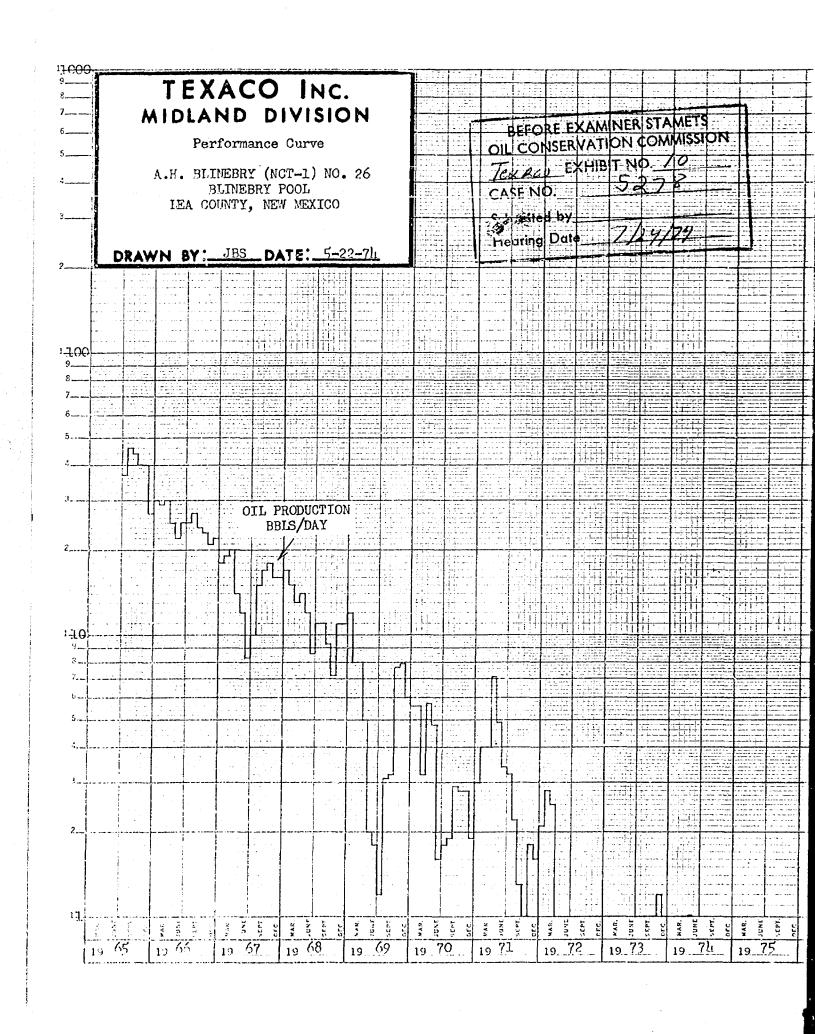
COMMINGLED DATA:

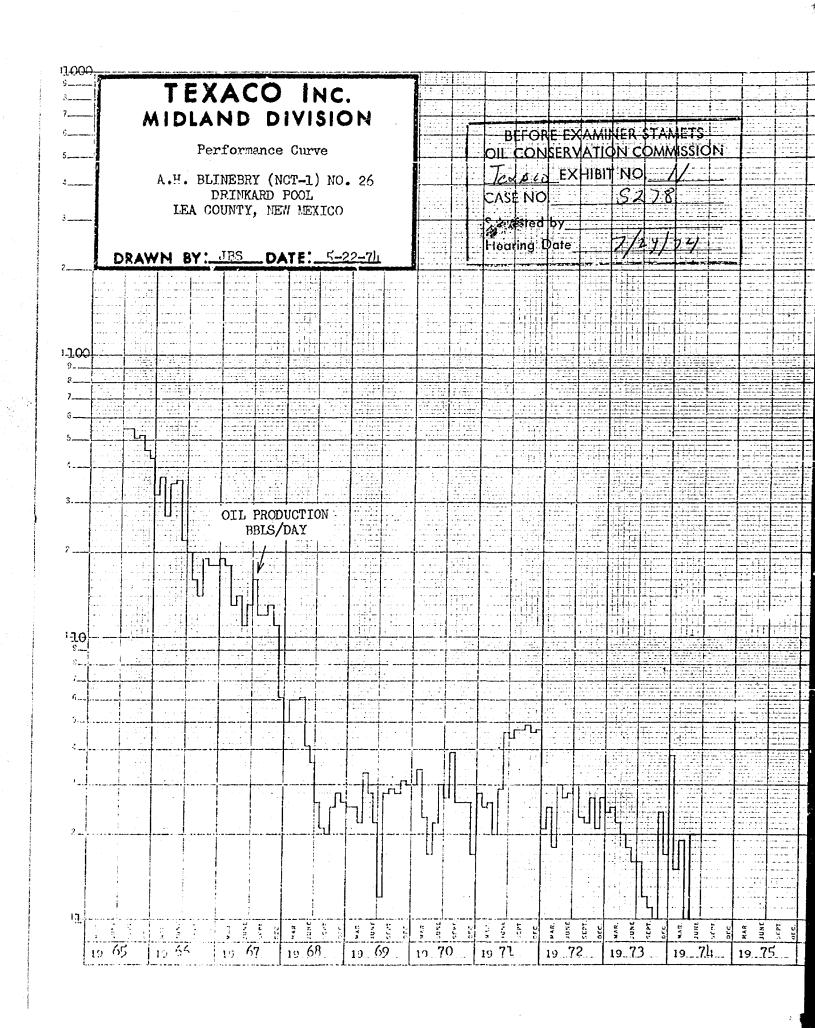
Gravity of Commingled Crude 38.4

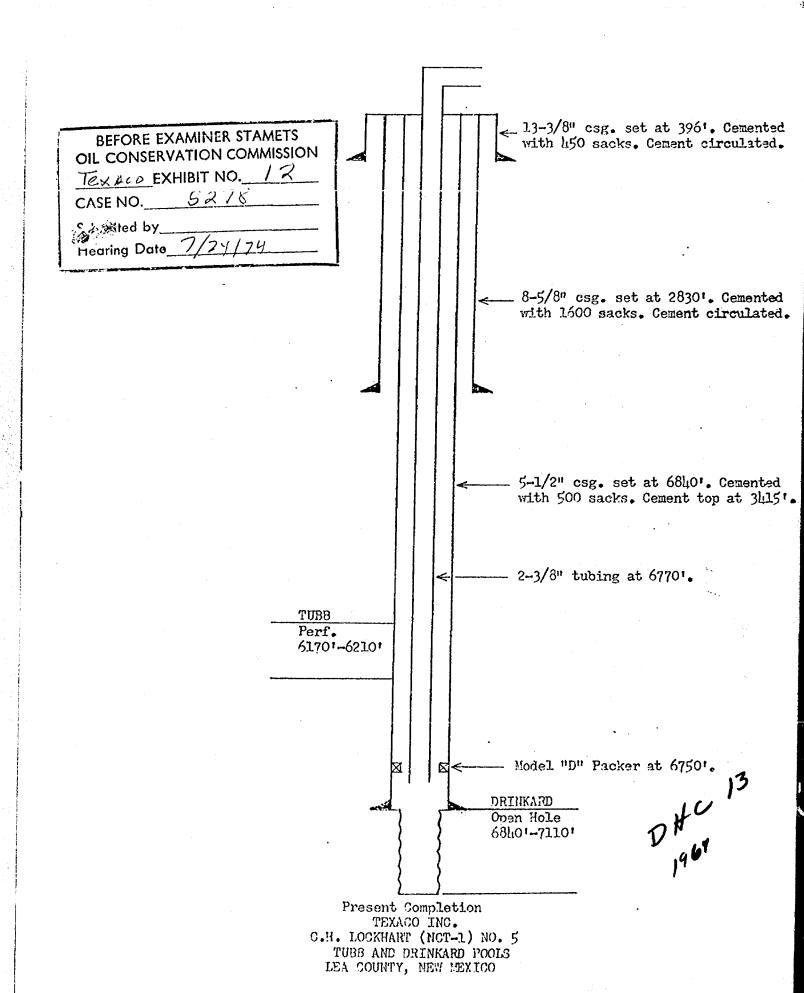
Selling Price of Commingled Crude - \$/BBL. 5.27

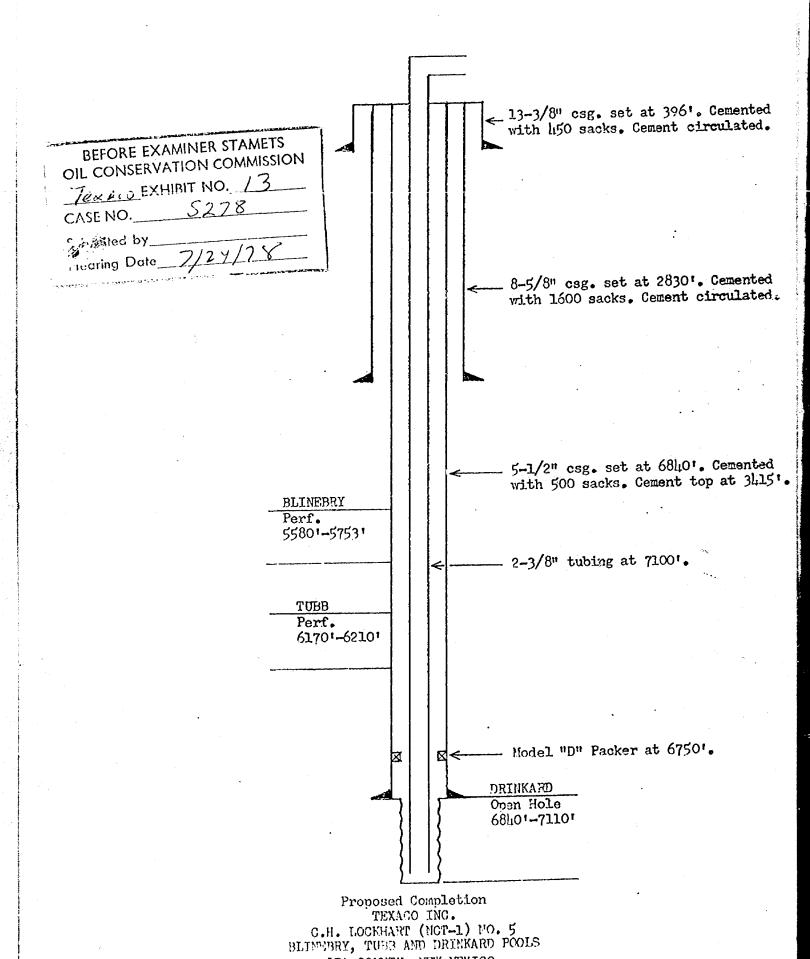
Daily Income - \$/Day 121.21

Net (Gain) ** wask from Weilbore Commingling - \$/Day 105,40 (Production Increase of 20 BOPD) based on current producing rates.



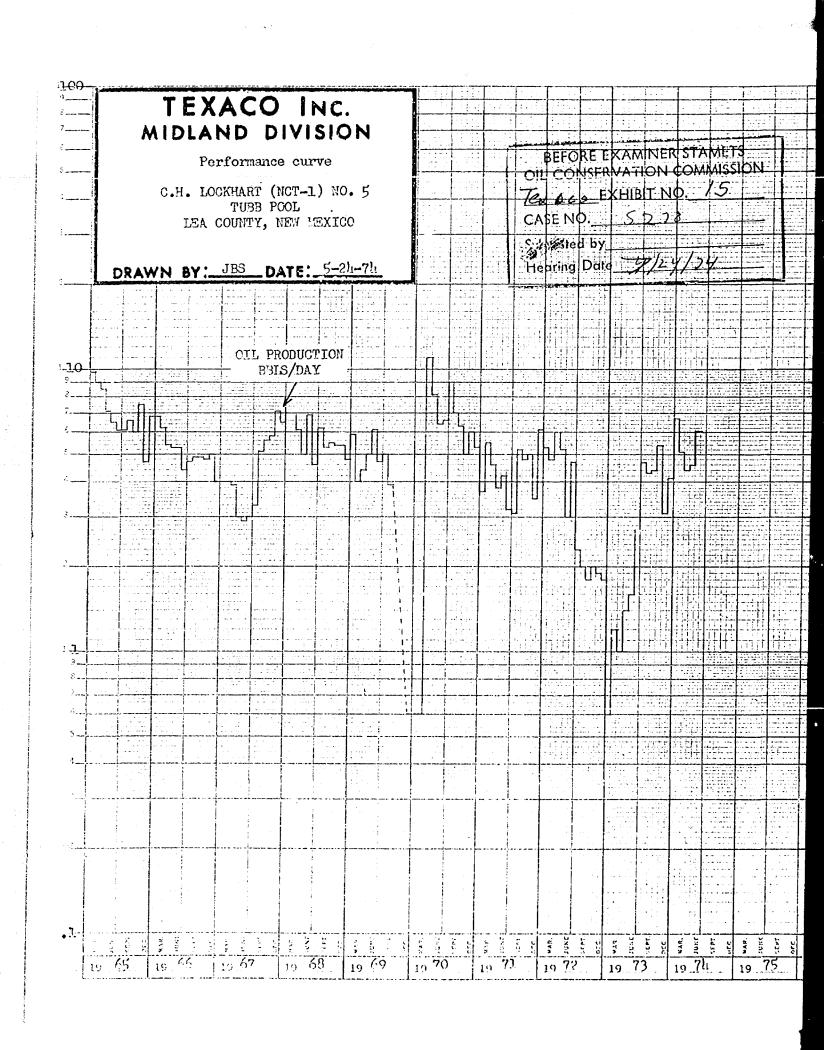


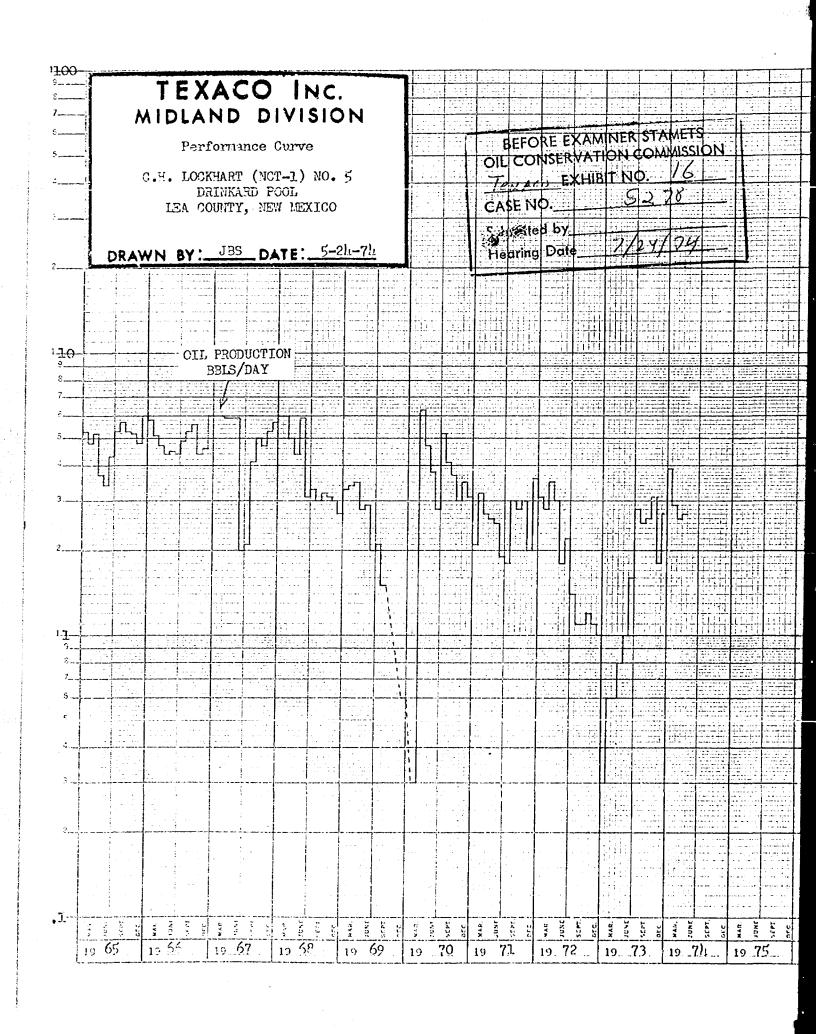




LEA COUNTY, NEW MEXICO

Address: P. O. Box 728 - Ho	bbs, New Mexico 88240	
Lease and Well No: C. H. Lock	hart Federal (NCT-1) No.	5
Location: Unit C	; 1979 Feet from the	e West Line and
660 Feet from	Morth Line of Sect	tion_18;
Township 22-S	, Range 38-E	; Lea County.
WELL DATA		
	Upper Pool	Lower Pool
Name of Pool	Blinebry (Proposed)	Tubb/Drinkard (Commingled)
Producing Method	Pump	Pump
ВНР	400 (Est.)	500 (Est.)
Type Crude	Sweet	Sweet
Gravity	38.0 (Est.)	38.4
GOR Limit	4,000	2,000/6,000
Completion Interval	5580'-5753'(Proposed)	6170'-6210'/6840'-7110'
Current Test Date	des des British majoris und verstelle plante des productions des des des des des des	4-17-74
Oil	15 Est.	6
Water	O Est.	0
GOR	3000 Est.	26,000
Selling Price of Crude-\$/BBL.	5.27	5,27
Daily Income - \$/Day	, be tel. Million on the design of the desi	31,62
COMMINGLED DATA:		
Gravity of Commingled Crude	38.2	
Selling Price of Commingled Cru	ude - \$/88L. 5.27	·
Daily Income - \$/Day 110.67	antina di prima di Brasilia di Antina di	
Het (Gain) Kxxxx From Wellbore based on current producing rate		79.05 (Production Increase o







June 21 June 21 June 21 June 21 June 21 June 21 June 24 1974

CONSERVATION COMM

Santa Fe

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

RE: REQUEST FOR EXAMINER HEARING
Application for Downhole Commingling
A. H. Blinebry Federal (NCT-1)
Wells No. 23 and 26
C. H. Lockhart Federal (NCT-1)
Well No. 5
Blinebry, Drinkard & Tubb Pools
Lea County, New Mexico

Core 5278

ATTENTION: MR. A. L. PORTER, JR.

Gentlemen:

It is requested that an examiner hearing be scheduled to consider TEXACO'S application to downhole commingle the Blinebry, Drinkard and Tubb pools in the A. H. Blinebry Federal (NCT-1) Well No. 23 located in Unit C of Section 29, Township 22 South, Range 38 East; A. H. Blinebry Federal (NCT-1) Well No. 26 located in Unit B of Section 29, Township 22 South, Range 38 East; C. H. Lockhart Federal (NCT-1) Well No. 5 located in Unit C of Section 18, Township 22 South, Range 38 East, Lea County, New Mexico.

The USGS and all offset operators have been notified of this application.

Your cooperation in this matter will be appreciated.

Yours very truly,

J. V. GANNON

District Superintendent

JBS:18

CC: MAS, JR.

NMOCC - Hobbs

JSR

DOCKET MAILED

Date 7-12-74

DATA SHEET	FOR WELLBORE COMMINGLING	
Operator: TEXACO INC.	Circ Si	128 DECERTANT
Address: P. O. Box 728 - Ho	obbs, New Mexico 88240	JUN 24 1974 JUN 2 TOWN COMM
Lease and Well No: C. H. Lock	thart Federal (NCT-1) No.	5 CONSERVATION
Location: Unit C	; 1979 Feet from th	e West Line and
660 Feet fro	m North Line of Sec	tion 18 ;
Township 22-S	, Range 38-E	; Lea County.
WELL DATA		•
	Upper Pool	Lower Pool
Name of Pool	Blinebry (Proposed)	Tubb/Drinkard (Commingled)
Producing Method	Pump	Pump
ВНР	400 (Est.)	500 (Est.)
Type Crude	Sweet	Sweet
Gravity	38.0 (Est.)	38.4
GOR Limit	4,000	2,000/6,000
Completion Interval	5580'-5753'(Proposed)	6170'-6210'/6840'-7110'
Current Test Date		4-17-74
Oil	10 Est.	6
Water	O Est.	0
GOR	3000 Est.	26,000
Selling Price of Crude-\$/BBL.	5.27	5,27
Daily Income - \$/Day		31.62
COMMINGLED DATA:	•	
Gravity of Commingled Crude	38,2	•
Selling Price of Commingled Cru	ide - \$/BBL. 5.27	-thought Tradeslature pages of individuals
Daily Income - \$/Day 110.67		
Net (Gain) ƙƙasas From Wellbore	Commingling - \$/Day	9.05 (Production Increase of

15 BOPD)

based on current producing rates.

NEW MEXICO OIL CONSERVATION COMMISSION GAS-OIL RATIO TESTS

Revised 1-1-65

Operator			Po	ol						Co	unty					·
TEXACO INC.				*Tut	b Dri	nkard		, i	1			Lea				
Address P. O. Box 728 - Hobbs, New	Mexico	>	88240			Τ		E OF - (X)	Sch	eduled [Comp	oletion [Spec	etal [X]
	WELL		LOC	ATION		DATEOF	20.	CHOKE	TBG.	DAILY	LENGTH			URING	T	GAS - OIL
LEASE NAME	NO.	U	s	т	R	TEST	STA	SIZE	PRESS.	ALLOW-	TEST HOURS	WATER BBLS.	GRAV.	OIL BBL\$.	GAS M.C.F.	CU.FT./BBI
C. H. Lockhart Federal (NCT-1)	5	C ·	18	225	38E	4-17-74	Р	-	-	8	24	0	38.4	6	156	26,000
		·				5									·	
				01 C												
				Sant	N 2 4	375875										
				Santa Fe												. •
				COM	宣											
	,															
*Downhole Commingled									İ			Ì				+ 2

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

During gas-off ratio test, such 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.

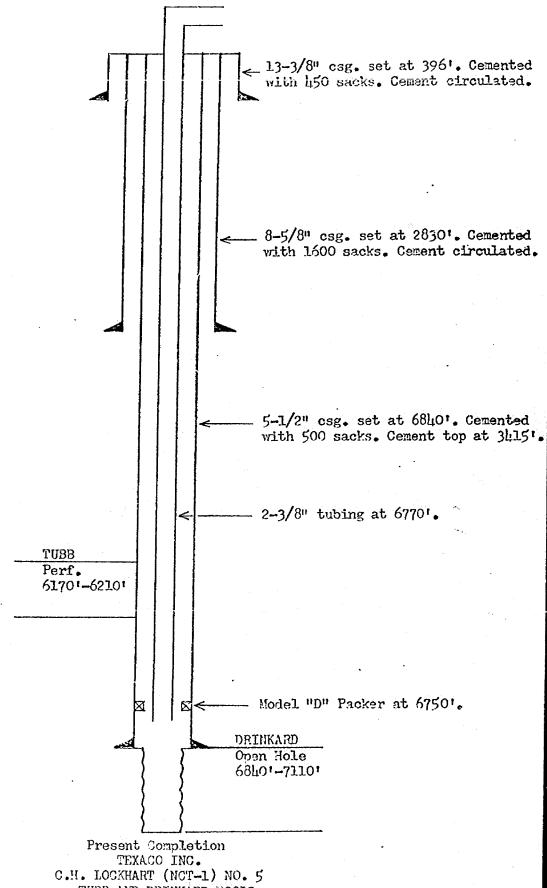
Gas volumes must be reported in MCF measured at a pressure base of 15,025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

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

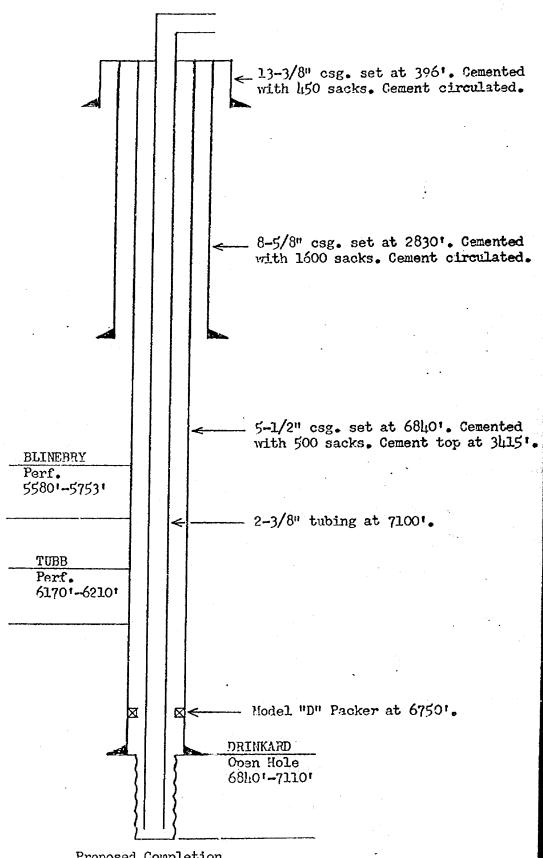
Mail original and one copy of this report to the district office of the New Mexico Oli Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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

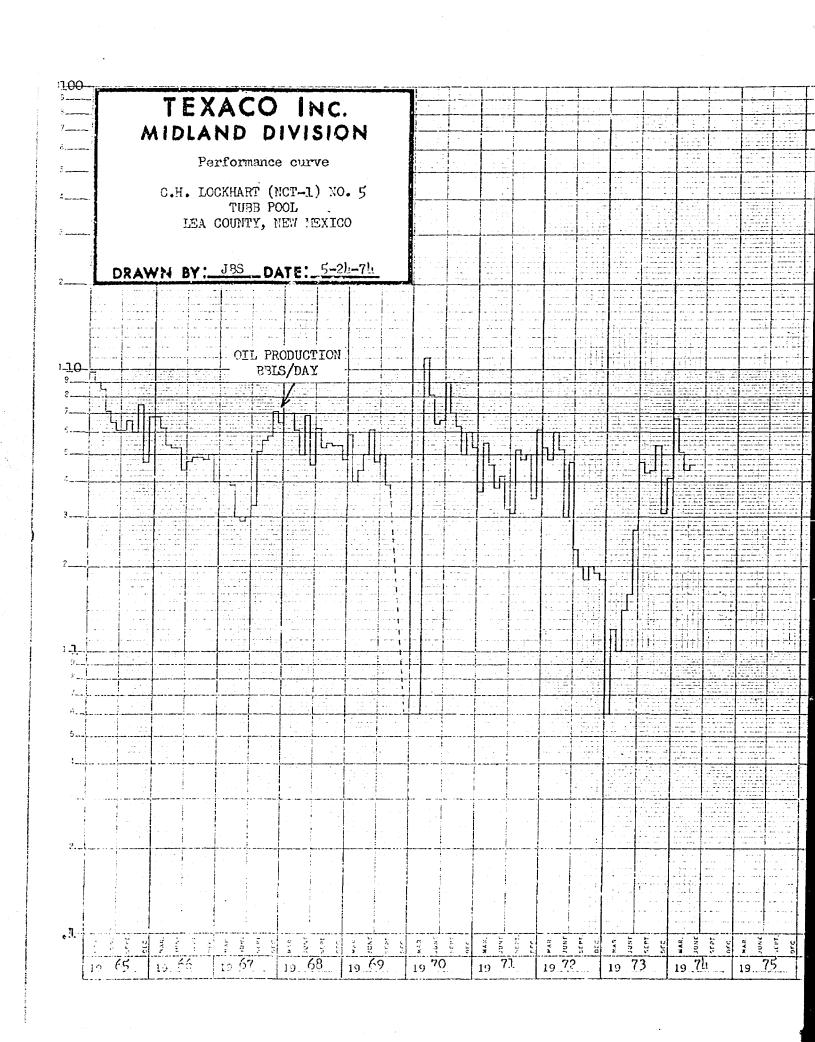
Assistant District Superintendent

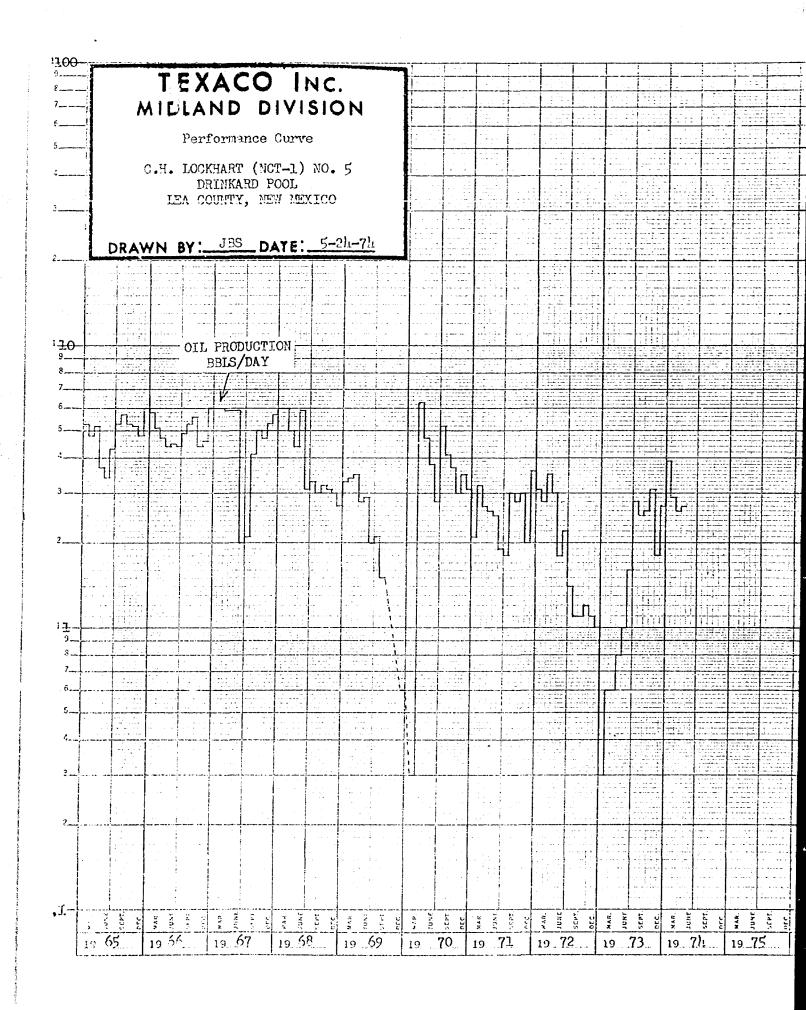


Present Completion
TEXACO INC.
C.H. LOCKHART (NCT-1) NO. 5
TUBB AND DRINKARD TOOLS
LEA COUNTY, NEW MEXICO



Proposed Completion
TEXACO INC.
C.H. LOCKHART (NCT-1) NO. 5
BLIMBRY, TUBB AND DRINKARD POOLS
LEA COUNTY, NEW MEXICO





OFFSET OPERATORS

Gulf Oil Corporation P. O. Box 670 Hobbs, New Mexico 88240

Mabee Petroleum Corp. 201 lst Savings Building Midland, Texas 79701

Exxon
P. 0. Box 1600
Midland, Texas 79701

American Petrofina Co. of Texas P. O. Box 1311 Big Spring, Texas 79720

Mark Production Co. 1108 Simons Bldg. Dallas, Texas 75201

OFFSET OPERATORS

Gulf Oil Corporation P. O. Box 670 Hobbs, New Mexico 88240

Madee Petroleum Corp. 201 1st Savings Building Midland, Texas 79701

Exxon
P. O. Box 1600
Midland, Texas 79701

American Petrofina Co. of Texas P. O. Box 1311
Big Spring, Texas 79720

Mark Production Co. 1108 Simons Bldg. Dallas, Texas 75201

				·J	,23,4	LANGLIE MATTIX +	!			<i>σ</i> ,	22				
I 6 -2	9-A 0r 17-2 L#7#0	Skelly • FA Dr	16-1 Dr(aba)	Karoles Langue Marius 250	2-10: Longle Luring (Workson)	LANGLIE MATTIX + 5- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1-	(Sing	Ø (ges)	P, B	96 Fac.) Ps (abd)	2 % J.	Parks 4	67 Pg 35 B!(ac) T(ac)	- 0,54	
(Ambassador) 2 6 Anadarko	0, S-A	0 • 4 · Þ	Ollie 1	With Drig	Montapsu Bilderi	Cossolo	20	Samedon	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	gy Gulf gy Wiges) Figes) Dringel	BiopulShell Tigos) H wendry 64 Wolfson)	Shell 5 P4 79 P4 9 1 A H. Handrig: 07 (Wolfson)	Ps.68 1 1 (gos)		S.
Compbell	Boyd	Cogno e l Bickelly pr	2 HACE	Suif 1	3 - Somedon -	or (ape)		edon	corrigion	Ğ. €	3 5 P3 3 74 P4 3 745 P5 2745)	UH. Hendrix De Constitution	69 Pa(Deck)	(Deck) 56	
8. Hedrick Armer e Kohane Dr gi	A (00-1/24)	(Champin) A. Wilbanks • 2 Skeily Dr Skeily I-C Bi Dr	760. 3MB 5	Bi(qax)	Prison) Prison) Prison	\$ • 3	3-4 0,	Or Trigger	€ Bligar) Orione)	₩ Bifgorlisti Tigorl	erce(S)	., .,	(Deck) 70 2-4 12 P. Pe # 2 Bilgon)	(Deck) I-A 57	R 37 E
	BONE 2	Te :05 F	6 EB-6 C.W.Sims	Drigos:	₹ • _₩	Phillippi Brigari Dr	WGW Tigas	exos Pocific M. Hendrik Cossolor Hight		Hendrik # 0 Hendrik # 1 Fig. 1 (as) WGE Hindon	2-8 62-8 92-8		が 71 B((qos) 1 T(qos) Ps(ra)	Texot:Pocific	7E
25 	Texas Pacific 以 以 以 以 以 以 以 以 以 以 以 以 以 以 以 以 以 以 以	= ※ cocific	# 3 Bi (gos.)	2 学 Bi(qax) I (gos) Dr (obd)	**3 **1quii 24	٠	2 46W	salat	"Cossolo!" "Cossolo!" "A Belcher	?• ŏ	' 🔋 📑 🚦	Parsy.	72	P	
Gulf 15	Summit Energy	Gert	- 4-C - 4-C - WOW POI Sims(S)	Cassaloi Cassaloi '3-C	7.5	(Sunser) Crown Cent. Lim Mendry, Halli Cospolor Conglate Geo W Sinss, Marathan Marathan	Panglade	Marathan Edith Builer	N G Penro	er(gas)	b. B. 2 Dr. Petin		Cossolol 73 HHH	9 • 60	
or Est.	inergy *	Dy Pd(St)	T(gos)	8.00	4 ⊕ ⊕ Ç	(Sunse) 2 Crown Cent. 7 H LH Hendry 6 Cossoror "Donglade" Geo W Sins, et al	Ocific * 2 * * * * * * * * * * * * * * * * *	tiger)	7 (9m)	·	XX 5 Bi(gas) T (gas)	Penrose Prod.	Sopro Ba	<u> </u>	r
ommit Energy	Ç.	e s	,	E.A Honson	(A Ho	E. V. Hom	Pa Briana) Evith Buller	Morethon 1	American Per	1 E ● 5	o Mobee	Bitopii) Texas Pacific If a pacific to the pacifi	22	<u>}</u>	
Coquina Gulf	Coquino	Gulf	5 ** Dr Bi(que) Gw T(que)	<u>a</u> * ₆	1507 3 4 81(000)	Gulf LHanson S/R ** ** ** ** ** ** ** ** **	T(qss)	?• <u>,</u>	Priese:	NCT-I	17.7.		Geor	(Solor) Imp. Amer.	
35.	* * Z	16	Signs) B. H. Binebiy		事 Bi Topas	Texaco NCT-I G Br(ges)	Fo Bi Eviand H Locki	ų ¢ 4 ¢	ē ⊕ ē ⊕	2.	"HP Sounders	Gutt	4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	(Solar) Imp, Amer.	
*	P (S)	g • 7			? ⊕ • Ñ	Q m .	o/ 0	δ. [®]	ة و		ders.		• u		
	(0 대	Ç 2 • 30	9 0 18	17 8t 7(qqq,	Q-4 ∰ ● 20	e iO Brand Brand Drand	on Stile Ballenger	0 0 2 CO	Mark Prod (Roy Smith) Surthine		G G Neill	TH Peddock (M		5 0 0 0	8 7 8 F
A.K. Buing Dry. Fed 29.	P.79* G. G. G	Texaco NCT-1	8. 8. E. ANBIN	Texoco NCT-1	200 200 200 200 200 200 200 200 200 200	0, • -	Mu t Wi A • 5	, iexaco	Geo # Si		Gro M.S	Penrose & Zoch	Alice Paddo	Norsworthy,Jr.	
Linebery J _	Moron O	200	BlineDry B:	۷ ۵	£31 9 • 5	8•2	12. ES1		(ms (2)	Nestern Reserve	W Sims (5)	& Zochary			
Chrisimos	1	5±•	P • 32	7 G	8 • 0	g	es S		Louis Afford	R O. Johnson		70CX			
28		Texaco NCT-I	35 0, *A.K.Bing	Texaco NCT-1	Spear-fed	Lunar Corp	Summi Energy	Cities Service		Sol Wesl, II	L. V. Sims, eloi U.S.	9			
	∰ <u>°</u> EXICO IS	Ö	· ·	• = سلسانسوروسو،	1 1		9					a Ken 137	·		
IEXA	13			S	22-1										

AND STATE OF THE S

S27 Armer Deck 101ercoost 2-4 M.W. Coll CM240 -3 -3 -1 (Compbell & Hedrick)

1 Armer Oil Boyd 5706 70mg Allia M. Lee So Pet R 37 E Aguo H-35 SWO Aztec Shell-SI Blair & Price CRE Fed. Saroh B. Kughes ABBREVIATIONS: H. V. Pike, et al Evelyn Linebery Tom Linebery (5) State Geo. W. Sims Aztec Somedon Summit Energ McCulloch Filantic Evelyn Linebery

C. G. Compbell, et al Union Tex. 6 S.D. You Atlantic ଟୁ ω (Pan Am.) Pike 7 (gee.) Attonic West Not 2 Amoco å + ē R 38 E Western-Fed Cities Service E Pererson obery (S) 4. 4. C. ... # BI T(gas) Dr(abd) C.G. Compbell Union Tex. 33 R. C. Bowden Western Res 9*-£ NE S3

S.E. LEA COUNTY, NEW MEXICO SCALE O ORAWN BY, FMR DATE 1-9-69-4-8-73 5-23-74 BLINEBRY FIELD AREA

BEE - BRUNSON ELLENBURGER EAST
BOW - BRUNSON GRANITE WASH
BOWE - BRUNSON GRANITE WASH EAST
BI - BLINEBRY
BME - BRUNSON MICKEE EAST
BKE - BRUNSON MICKEE EAST
BKE - BRUNSON SAN ANDRES EAST
OF - DRINKARD

GW - GRANTE WASH (UNDESIGNATED)
LM7RQ - LANGLIE MATTIX 7 RIVERS QUEEN
Pd - PADDCCK
Ps - PENROSE SKELLY GRAYBURG
SA - SANIX ROSA (UNDESIGNATED)
T - TUBB

WANT! GRANITE WASH

TEXACO INC.

Case 5278

DATA SHEET FOR WELLBORE COMMINGLING

Operator: TEXACO INC.

Address: P. O. Box 728 - Hobbs, New Mexico 88240

Lease and Well No.: A. H. Blinebry Federal (NCT-1) No. 26

OIL CO. Souta Fo

Location: 1980' FEL and 660' FML of Section 29, Township 22 South, Range 38 East

· · · · · · · · · · · · · · · · · · ·		by to money are bouting hange	JO East
WELL DATA	Upper Pool	Middle P∞1	Lower Pool
Name of Pool	Blinebry	Tubb (Proposed)	Drinkard
Producing Method	Pump	des PPS	Pumo
BHP	350-400 (Est.)	500 (Est.)	500 (Est.)
Type Crude	Sweet	Sweet	Sweet
Gravity	38.0	38,8 (Est,)	38,7
GOR Limit	4,000	2,000	6,000
Completion Interval	5626'-5831'	6236'-6347' (Proposed)	6972'-7169'
Current Test Date	5-10-74		5-12-74
011	1	10 (Est.)	2
Water	0	0 (Est.)	0
GOR	7,000	4,000 (Est.)	15,000
Selling Price of Crude -			
\$/8BL.	5.27	5.27	5.27
Dally Income - \$/Day	5.27		10.54
COMMINGLED DATA:			· .
Gravity of Commingled Cr	rude 38,4		
Selling Price of Comming	led Crude - \$/BBL. 5	.27	
Dally Income - \$/Day 12	1,21		

Net (Gain) *Kesst from Wellbore Commingling - \$/Day 105.10 (Production Increase of 20 BOPD) based on current producing rayes.

NEW MEXICO OIL CONSERVATION COMMISSION GAS-OIL RATIO TESTS

C-116 Revised 1-1-65

Operator TEXACO INC.			Ро		nebry			:	·	Co	Le	a.				
Address P. O. Box 728 - Hobbs, Ne	w Mexico		38240			7	YP ES1	E O F	Sch	neduled []			oletion []	Spec	ial [X]
LEASE NAME	WELL NO.	U	LOC	ATION	н	DATE OF TEST	STATUS	CHOKE SIZE	TRG. PRESS.	DAILY ALLOW- ABLE	LENGTH OF TEST Hours	WATER		OURING OIL BBLS:	GAS	GAS - OII RATIO CU.FT/BB
A. H. Blinebry Federal (NCT-1)	26	В	29	225	38E	5-10-74	P	-		1	24	0	38.0		7	7,000
]													
	31)]		210												
CONSERVATION Santa Fo	IUN 2	12		Sun								No.				. 4
nto Fo	4 1974	1787		វីពី កែល	1074	35.										•
COMM				WW		当									/	2
			į													
								Ì								
				ļ												

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 tagated by more than 25 parcent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned laurensed allowables when authorized by the Commission.

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

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

Mult 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)
Assistant District Superintendent

(Title)
June 21, 1974

(Date)

NEW MEXICO OIL CONSERVATION COMMISSION GAS-OIL RATIO TESTS

C-116 Revised 1-1-65

Operator			Po						7	Co.	unty				· · · · · · · · · · · · ·	
TEXACO INC.				Drin	kard						Let	1				
P. O. Box 728 - Hobbs, New	W Mexic	:0	8824	0				E O F (X)	Sch	neduled []		Comp	oletion [J .	Spec	etal [X]
	WELL		LOC	ATION		DATEOF	5	СНОКЕ	твс.	DAILY	LENGTH			URING	TEST	GAS - OIL
LEASE NAME	NO.	υ	s	τ	R	TEST	STAT	SIZE	PRESS.	ALLOW- ABLE	TEST	WATER BBLS.	GRAV.	OIL BBLS.	. GAS M.C.F.	RATIC CU.FT/BBL
A. H. Blinebry Federal (NCT-1)	26	B	29	228	38E	5-12-74	Р	au	-	6	24	O	38,7	2	30	15,000
						, . ·										
												•	,			
	·					·								No.		
								·								• •
			υ						·							·
										·					N.	·
)		. [
	1		1								- 1	-	[-		

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.

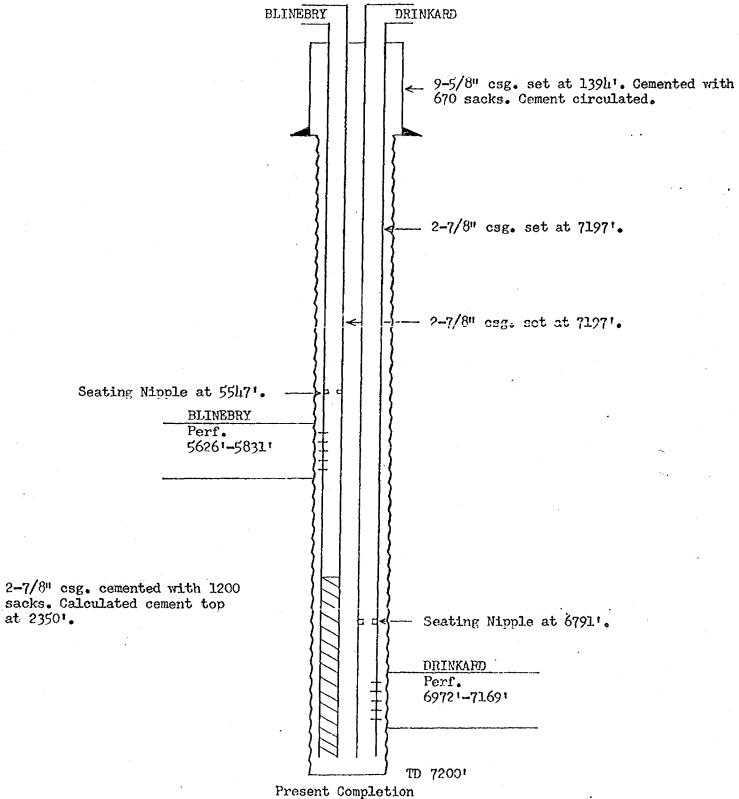
Report casing pressure in lieu of tubing pressure for any well producing through casing.

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.

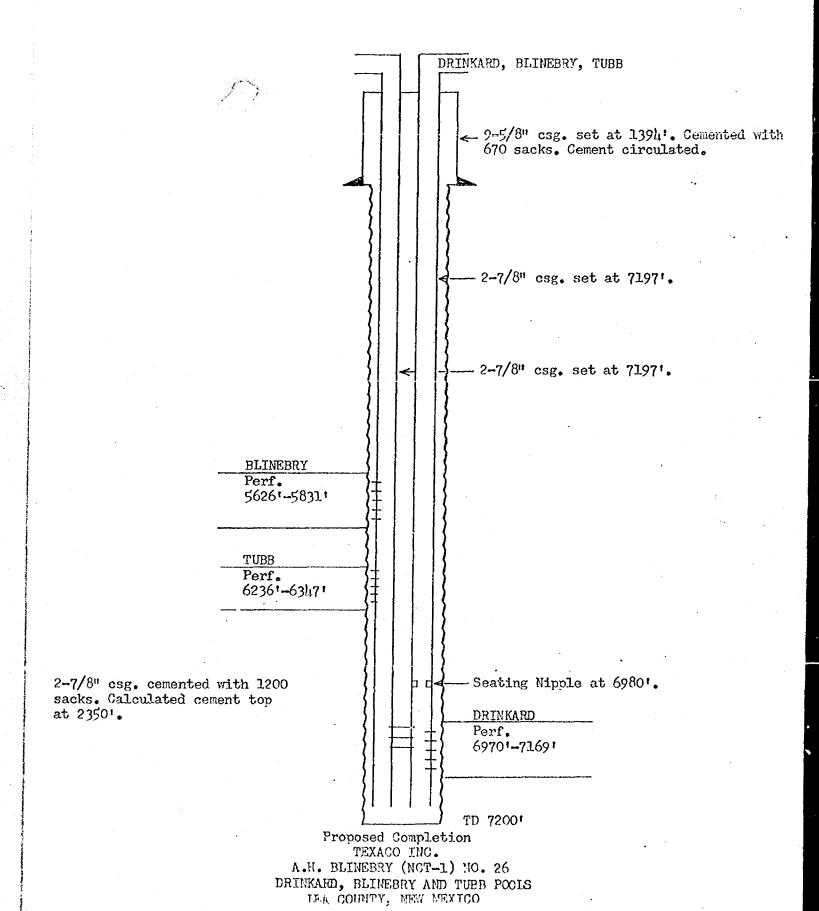
I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Syknoture)
Assistant District Superintendent

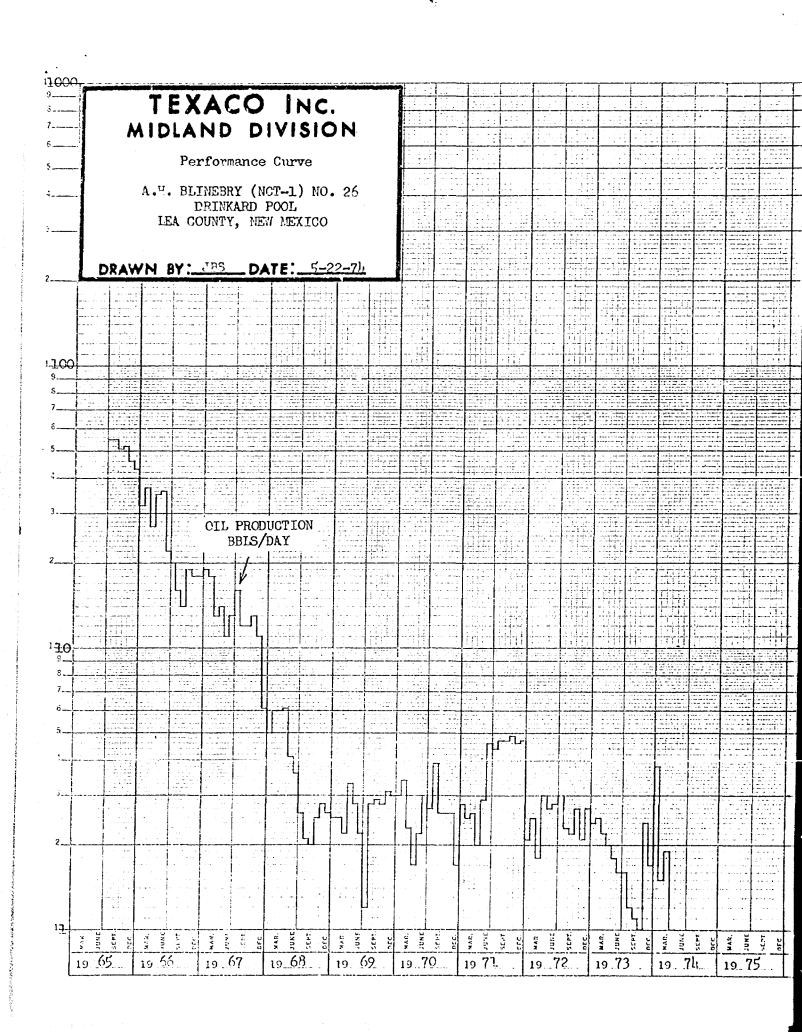
(Title) June 21, 1974



Present Completion
TEXACO INC.
A.H. BLINEBRY (NCT-1) NO. 26
DRINKARD AND BLINEBRY POOIS
LEA COUNTY, NEW MEXICO



_			1 00					1			 	ļ			<u> </u>	 	1	_
- 1	MIDLA	AND	DIV	SIC	NC				-					-		-		-
	P	erforma	nce Cur	ve										1.				
	A.H. B	LTNEBRY	(NCT-1) NO	26													
-		BLINE	RY POOL NEW ME	ı														1
]	1 1111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,																-
DR	AWN BY	JBS	_DATE:	_5-2	22-71	•												
			İ															
																		ĺ
] 					1		1
										= - = 1	To the same					III.II I		
																	one and you	
		0.	IL PRODU	CTIO	N								71.00					+
	בו יולים וב	[BBLS/I	AY .ii	ļi.											15.50		
		4	n			<u> </u>									7.7.7			
			7 4 4								777				[:+]			
		_ - -	- L		h											i		-
							+									<u> </u>		-
						ГЛ												L
											HEE							
														• • •				
									Π									
		_				7-7	L	Г			<u></u> -							
						 		, -		+-								_
			······································		3													
										411								
		1 1	ł						i	-11-1		[- 111				١
MAR. SUNT	MAR. SUNC	S S S S S S S S S S S S S S S S S S S	SEPT DEC.	L	KA3.	TEPT TE	M.R. June	NF17.	wae.	ž g	MAR.	SE.T.	KAZ.	St Pr	MAR.	200	KAR.	



OFFSET OPERATORS

Moranco P. O. Box 1860 Hobbs, New Mexico 88240

Gulf Oil Corporation P. O. Box 670 Hobbs, New Mexico 88240

Summit Energy Inc. 112 N. First Artesia, New Mexico 88210

Coquina Oil Corp. 418 Bldg. of Southwest Midland, Texas 79701

					, ZZ	LANGLIE MATTIX -	1		**	c,	7 22				•
-	17-2 C#780	S keily 0 1-12	(6-)	Karajes Cr	2-) C Longlie Mot	MATTIX OF AND UNIT	Longlie Morris PSU	Brigary Figury	O Anadorko	ē.	(Deck)	78 Po(**) A J.H.	Bigos) Tigosi	or 5d or 5d	
mbossador)CO	Olive I. Boyd	• •	Ollie 1 Boyd	WEK Orig	-23	Cossolor	1	Somedon	Hugh Corrigon	PA Bilgos) INITER TO CO.C.	By Bigas Seil By Hendry Frein (Walter) Thomus Long Andderto	78 Po 79 Po E (tas) Low Worthon	3 55 (Oeen	Morathon	
Compbell & Hedric Armer & Konone b	30.1.0 0.1.0 0.1.0	Cogno 1 B.A. Wilbox Skelly Dr Skelly -\$3-A Belly TO 8754 B.	1	Sulfi	on ed ed	(((((((((((((((((((Brigary Dr	Ç ø gg		ĕ•	A E Pierce (Si S E Long	Mobil J H, Hendrix P Parity B (qos.)	69 J	Ch) 56 (Deck)	3
	1/2/1/	Shelly-C	1	# I Bi(yas)	Bifas) Print Texas Petr	\$ ● (**		Prigoss	e Briggs) Ortobal	Capital Andrews	50 p 6	ర ్శ ే	70 # 12 Brigasi	*• ₅	R 37
a)	866 N	E X	6 88.6 G.W.Sims	# 1 € Dr (ope)	₹•∾	erique)	Cossolor Cos	S 2 2 3	₹ <u>:</u>	Hendrik # 10 Hendr	Sonio 80%		7: Bilgot! T (got) Pd(fa)	Ellon Pd	Texos Pacific
- ()	**		المراجعة الم	2 # 81(gos.) T(gos.) Dr(aba)	*3 11(qqq,1) 24	\$•7	*aw F J Danglade	90 2 H	\$30101" ""	80	GORSOIOI GORSOIOI Bigon Tigon Tigon Bigon Hamalinoiih	•83 1C	P. 72	\$ ● 55	
Gulf S	Orinkari E	Guif "Effe"	A-C Waw Pol Sims (S)	Cassolo	70	(Sunset) Crown Cent, J.H. Hendrin Costalor Costalor Costalor Morothon (Sins		Marothon Edin Builer Texas Partie		Brigosi	or Petro		ossolof ossolof 73 Pa Pa Alexanda		
Summit Energy	nergy **	Pa(S)	*	Q • 22.	₽ <u>m</u> •	Councent 2 Councent 2 Likenodin 0 Cossolor Conglara Geo W Sims, et al Morothon	# 2 Br(qos) Dr(nbd)	y 1-8 ¥1-8 1(900) 01	ose Tipos		本 Bi(gg) T(ggs)	Penrose Prod.	Sohio 2 99 91 Pr	Í	
Summit Every	e e e	5 本 5 5 3 5 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6	E A Honson SR * 1 SR * 1 SR * 1 May Gui	E.A Honson Pd Dr	m Þ I	6.A.Ho	PA Bilara Bilara	Morothon 1	American P	H E 6 N	Maber	Texas	Burleson B.Huft)i D.M.Norman i M.C.Callister 'McCallister	J.H. Hendrix, Britand WECGIII	17.15
Coquino 3(Coquina D	* _ Guij	5 * 1 Dr Bitan) G* T(ges)	a.º	300 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Gulf A Honson S/R # 2 Bitgost T(gos)	* * * *(gos) br	<u>∞</u>	otrofino 5 Bi Orfoba)	NCT-I	1-A	exos Pocific	J H. Hendrix Geo W	(Solor) Imp. Amer.	
	* 2 * 2 * (***) * (***)	g. • o.	B(gas) f(gas), A.H.Bli		* 7 (90s)	Exaco NCT-1 NCT-1 Bi(gos)	Po Bi Drobd€-H Loc	4 ► ♀	დ დ 4⊕	ç • 7	(IM) 0, 0, 1	1	Sims (S)	(Solar) Imp. Amer. Imp. Amer.	
Summit Energy	R = 4 (S)	7	nebry .		Θ ā. Φ.	en S	• 8 • 8 • 8 • 8	♀ •	ç. Ö		Saunders"	Gulf	:: •	Tier.	
or ALLAUNS	~	Ç m • □	œ o ôô	* (7 BI Y (905)	Q-19 • 20	(0 	or Dolle Ballenger	Texoco	Mark Prod (Ray Smith) Sunshine		6.6.Neill	i H. Poddock IM			R 38E
Partied 2	o dark	Texoco NCT-1 NCT-1 23	74 % A	Page No. 22 No. 07	or Hand	Texaco	2	Texaco	Geo.		6e0 t	1		C.L. Norewarthy, Jr	L 11
2 - 1,30 azi, 7 6	Mod	6 5 ° € 1.1 °	Blinebry	NCT-1 30	Nix, Est.	900 9 • 4	Alie Mo	1 6	(Sims (S)	Western Reserve	W Sims (5)	Penrose & Zochory	oldeck A		
Gulf Christmes	0	Q# • Z@	26.32	و ي ن 4	o, •36	437 7470:			Louis Alford	R D Johnson		W C Paddáck	Triology		
6-4		P-1 - 22	° 35	2 C	Species Species	Lung or	Summit Energy	Chies Service		Sof West, III	L. V. Sims, etal	9			
	*g*u	VS.	Bineber	NC1-1 Lexoco	r-Fed.	Lunor Corp.	Energy	Service		i. H	5,0101	9			
ME	S S			S	3 ⊣			<u> </u>		<u>.</u>				<u>, </u>	

				23-1		!					f	
		2	Y 7 . 1 . 7 . 2 . 3	100 mg 10	ν ₁ ος ος ος ος ος ος ος ος ος ος ος ος ος	Armer	Ϋ́ * - 0	Arme	2-A	LETTRO	i€-i LM7RO	,
		State))))) t	Blanco Gult	E 7#0	Armer Q:I		<u> Anadorko</u>	MW.Coll RD	an I 44 - air
			P	000000 700000 700000		Blanch E Bayd		berd berd +	A Sims	(Compbell & Hedrick) Arm	P LOWE	Armer
	R 37		Persona		E Conden				Aqua H-35 SWO	Armer Oil	Allie M.Lee	
ABBRI BEE BGWE BGWE BI BI BNE BSE Dr	ЭΕ	Bioir B Price CBE Fed.			Sarot		P	Azlec	1 1 1 1 1	Summit Energy		
ABBREVIATIONS: BEE BRUNSON E BGW BRUNSON E BGWE BRUNSON E BUNEBRY BI BRUNSON BI BRUNSON BI BRUNSON BI BRUNSON BI BRUNSON BI BRUNSON BI BRUNSON BI BRUNSON BI BRUNSON BI BRUNSON BI BRUNSON BI BRUNSON					H.V.F. Evelyn	Stot.	Amerodo	Moran S.	Western Oil Field	0	Атоп	
EVIATIONS: - BRUNSON ELLENBURGER EAST - BRUNSON GRANITE WASH - BRUNSON GRANITE WASH EAST - BLINEBRY - BRUNSON MCKEE EAST - BRUNSON SAN ANDRES EAST - DRINKARD		Geo. W. Sims U. S	- 1	 	e,elol ebery	State	Aziec	1 0 1 1 Az	Continent		Amondo Sims	7 € ¥
GW LM7R Pd Ps SA T WGW:		Somedan	Attontic	C. Compoenter of			ec 2-80 81(SI)	Aziec 2	Philips	it Energy * B! T(gas)	Gulf-Sims	A.Sims
- GRANTE WASH (UNDESIGNATED) - LANGLIE MATTIX 7 RIVERS QUEEN - PADDOCK - PENROSE SKELLY GRAYBURG - SANTA ROSA (UNDESIGNATED) - TUBB - WANTZ GRANTE WASH		McCulloch	Allonic			8	5 m € ;	. i	œge Gr Cr	* - B(T(que)	* Bi (que)	Orinker f
(UNDESIGNATED) X 7 RIVERS QUEE LY GRAYBURG NDESIGNATED)		Allonic	Union Tex. O S. D Young And Prei	C.G. Compt	Evelyn Linebery	A. H. Bline	6골 e ⁿ [Ses W.F. Score		Texoco	 -	90
ż		C.G.C. Sims	S.D. Young And Prich Porce//	"Elliott"	Ē		Texoco NCT-4 3 2	5 BES BES	- ! □ • o ;	2 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	o 3	₽ ≇ ●
		C.G.Compball	Attontic		Amoco (Por Am.)	T(qos) D/	*_ ;	5	* 2 T (qos) Dr (aba)	G	# 5206 # 5206 # 5206 # 5206 # (900) Or (900)	P(gas)
	R 38 E		Affantic	##	Western-fed."		9: (S))	Chies Service	Bi # 3 17(gan) 4 07(gan) 6236	(Pan Ameri "5" 2 Amoco 8) br(ebe)	-1 19 3/2	
		R.L. Peterson	arc I	ile.	-Fed."	Tom Lineo State	2• _N	Pon American 32	Cities Service "P" " * "(ges) pr(ges)	(Pan American) "5" 2 Amaco 8 8 6 6 6 7	Texaco NCT-2 * * * * * * * * * * * * *	# Bilger) Tigos) Driend
	0.0	Linebery (S)	C C C	Werner Parcell	Atlontic	Tom Linebery (S) T.R. Andrews	2 m • •	7 (go.)	* 2 Dr(abs)	Gulf	Priest October	BL Dr(abd)
MII BLINI S.E. LEA SCALE: C DRAWN I			C G Compbell	-	Union Tex	ndrews	·,	2 °	ವಿ.ಶ್. 0	Ut Bill Dr (obd.)	Ç 99 € 2	ge(St) De(St) Pe
TEXACO INC. MIDLAND DIVISION BLINEBRY FIELD AREA S.E.LEA COUNTY, NEW MEXICO SCALE: 1000 2000 SCALE: 1000 2000 SCANN BY: FMR DATE: 1-9-69-4-8-73		Evelyo L	Marshall 8 Winston	,	Imperiol Amer.	A.H.Bin		٠٠* چ. د	T (gees)	Tex	14 70	Ç 4 €
TEXACO INC. MIDLAND DIVISION BLINEBRY FIELD AREA E. LEA COUNTY, NEW MEXICO SCALE: 2000 2000 2000 2000 2000 2000 2000 20	US	Evelyn Linebery(S)	` 4	R.C. Bowden	Imperiol Amer. 1 0 (a) 1 80wden-fed	A. H. Blinebry - Fea	H. Spear b. Western Res.	33		A.H.BIMBOTY-FEE	· · · · · · · · · · · · · · · · · · ·	NE.
· · · · · · · · · · · · · · · · · · ·	Ļ	returnment to a sec	s ²³			L	i .		-	J		

DRAWN BY: FMR DATE: 1-9-694-18-73 5-23-74

•

CONTRACTOR CONTRACTOR OF THE PERSON OF THE P

Operator: TEXACO INC.

Address: P. O. Box 728 - Hobbs, New Mexico 88240

Lease and Well No.: A. H. Blinebry Federal (NCT-1) No. 23

Location: 660' FNL & 1980' FWL, Section 29, Township 22 South, Range 38 East Santa Fo

WELL DATA	Upper Pool	Middle P∞l	Lower Pool
Name of Pool	Blinebry	Tubb (Proposed)	Drinkard
Producing Method	Pumping		Pumping
внР	350-400 (Est.)	500 (Est.)	500 (Est.)
Type Crude	Sweet	Sweet	Sweet
Gravity	38.0	38.8 (Est.)	38.7
GOR Limit	4,000	2,000	6,000
Completion interval	5624'-5791'	6152'-6266'	6855'-7048'
Current Test Date	5-6-74		5-7-74
011	ı	20 (Est.)	2
Water	0	0 (Est.)	2
GOR	20,000	5,800 (Est.)	22,500
Selling Price of Crude -			
\$/BBL.	5.27	5.27	5,27
Dally Income - \$/Day	5.27	105.40 (Est.)	10.54
COMMINGLED DATA:	00.1		
Gravity of Commingled Cru	ıde 38.4		
Selling Price of Comming	ed Crude - \$/BBL.	5.27	
Dally Income - \$/Day 17	4		

Net (Gain) (12889) from Wellbore Commingling - \$/Day 158 (Production increase of 30 BOPD) based on current producing rates.

NEW MEXICO OIL CONSERVATION COMMISSION GAS-OIL RATIO TESTS

C-116 Revised 1-1-65

Operator	Pool Drinkard						County										
TEXACO INC.	INC.										Lea						
P. O. Box 728 - Hobbs, New	8824	3240			TYPE OF TEST - (X) Scheduled [reduled [Completion [Special X				
	WELL				DATEOF	5	CHOKE	TBG	DAILY	LENGTH	PROD. DURING			TEST	GAS - OIL		
LEASE NAME	NO.	U	s	т	R	TEST	STAT		PRESS.	ALLOW- ABLE	TEST HOURS	WATER BBLS.	GRAV. OIL	OIL BBLS	GAS M.C.F.	RATIO CU.FT/BBL	
A. H. Blinebry Federal (NCT-1)	23	c	29	228	38E	5-7-74	P	Po	~	6	24	. 2	38.7	2	45	22,500	
		·				•											
		Ç	20=)							•					
			Consti	1 2 2												•	
		11.5	EXVATION S	一世	TO THE PERSON NAMED IN COLUMN TO THE						÷	. *			e pe		
			CONTAL														
								·							*	· · ·	

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 ellowable 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 50° 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 know ledge and belief.

Assistant District Superintendent

(Title)
June 21, 1974

(Date)

NEW MEXICO OIL CONSERVATION COMMISSION GAS-OIL RATIO TESTS

C-116 Revised 1-1-65

Operator TEXACO INC.	· · · · · · · · · · · · · · · · · · ·		Poo		nebry		County										
P. O. Box 728 - Hobbs, New						TYPE OF TEST (X)			Sc	Scheduled					Special $[\overline{oldsymbol{\chi}}]$		
LEASE NAME	WELL NO.	LOCATION			DATEOF	103	СНОКЕ	TBG.	DAILY	LENGTH OF				1	GAS - OIL		
		U	s	т	R	TEST	STA	SIZE PR		ALLOW-	TEST HOURS	WATER BBLS,	GRAV.	OIL BBL S.	GAS M.C.F.	RATIO CU.FT/UBL	
Λ. H. Blinebry Federal (NCT-1)	23	C	29	228	38E	5-6-74	P	_	_	1	24	0	38.0	1	20	20,000	
			í														
		,															
	:																
												·					
a de la companya de				-										-			
															1		
															•		
				,					-								

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.

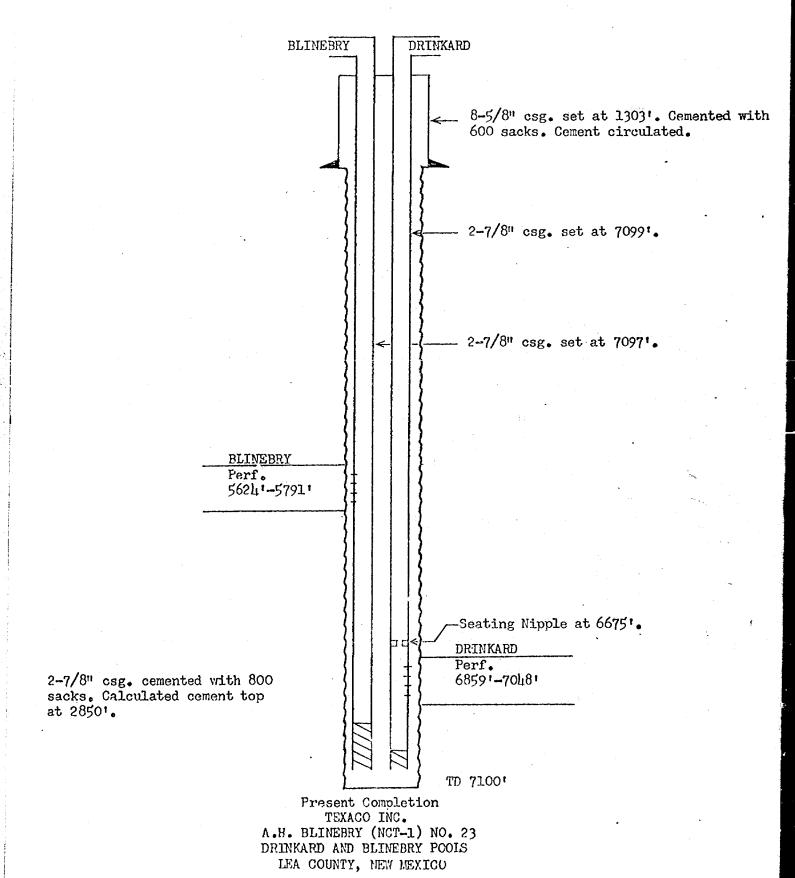
Mall original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

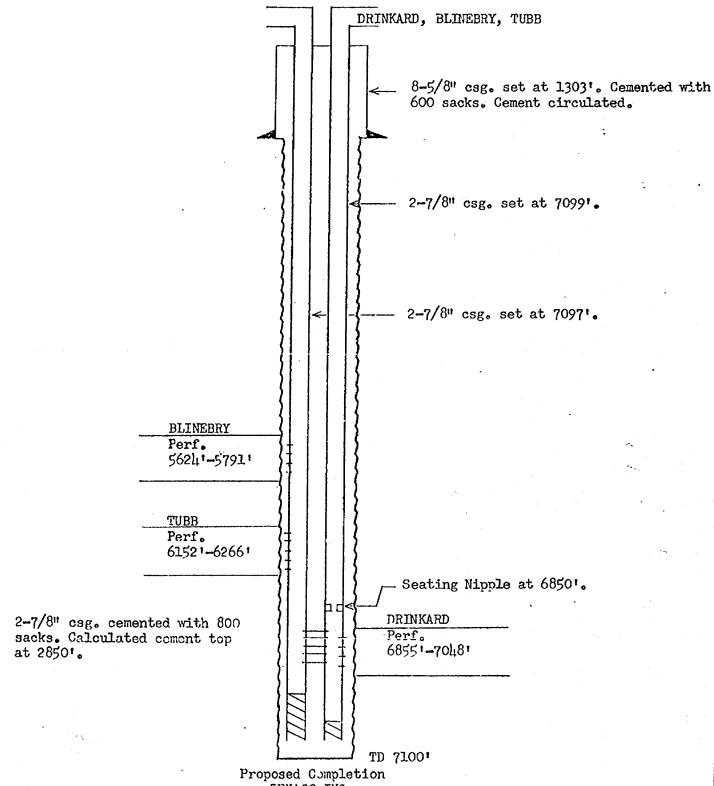
I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)
Assistant District Superintendent

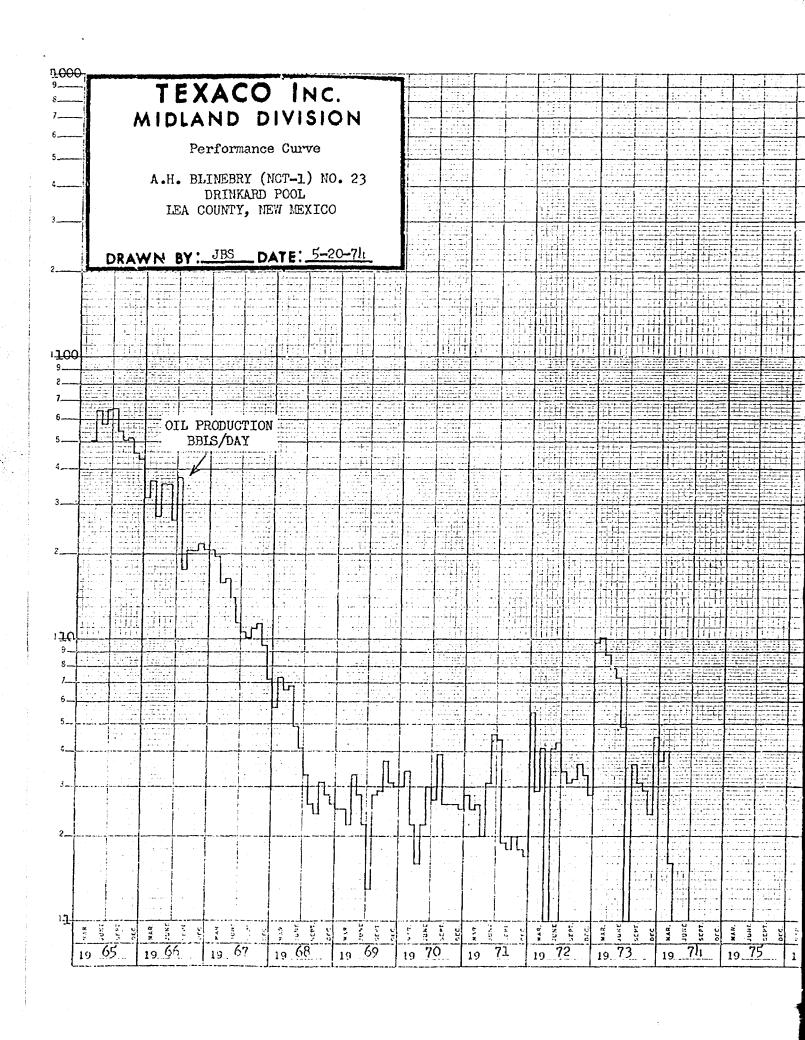
(Tide)
June 21, 1974

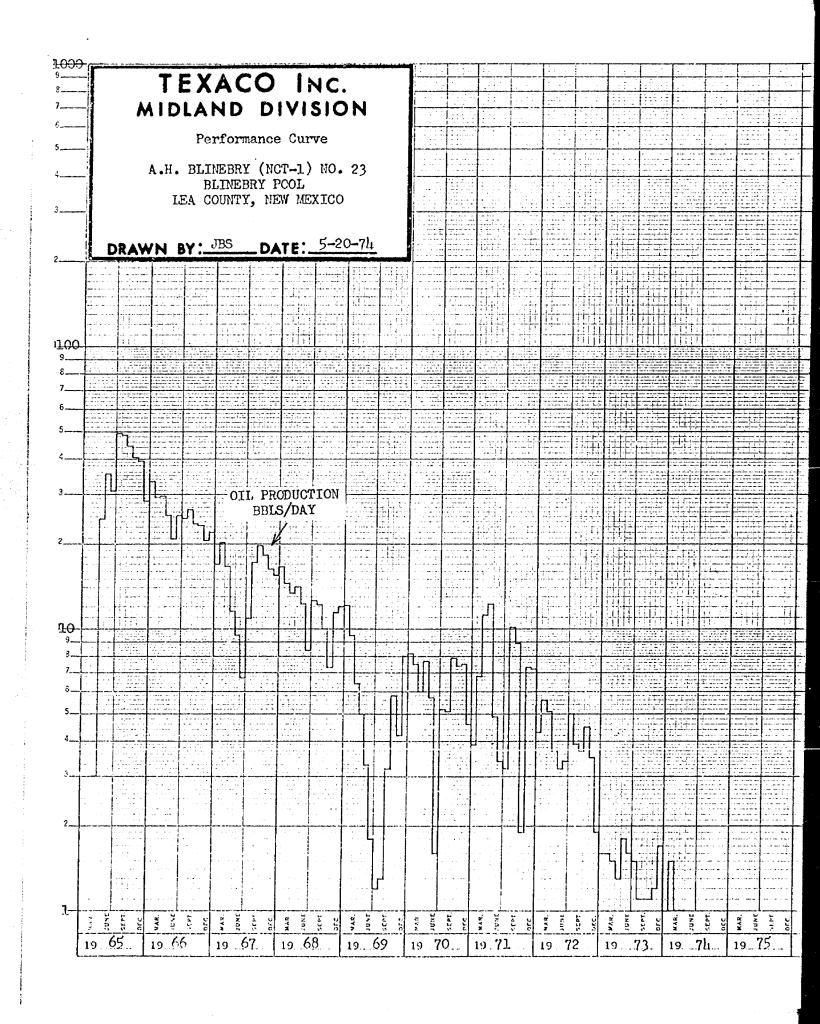
(Date)





Proposed Completion
TEXACO INC.
A.H. BLINEBRY (NCT-1) NO. 23
DRINKARD, BLINEBRY AND TUBB POOLS
LEA COUNTY, NEW MEXICO





OFFSET OPERATORS

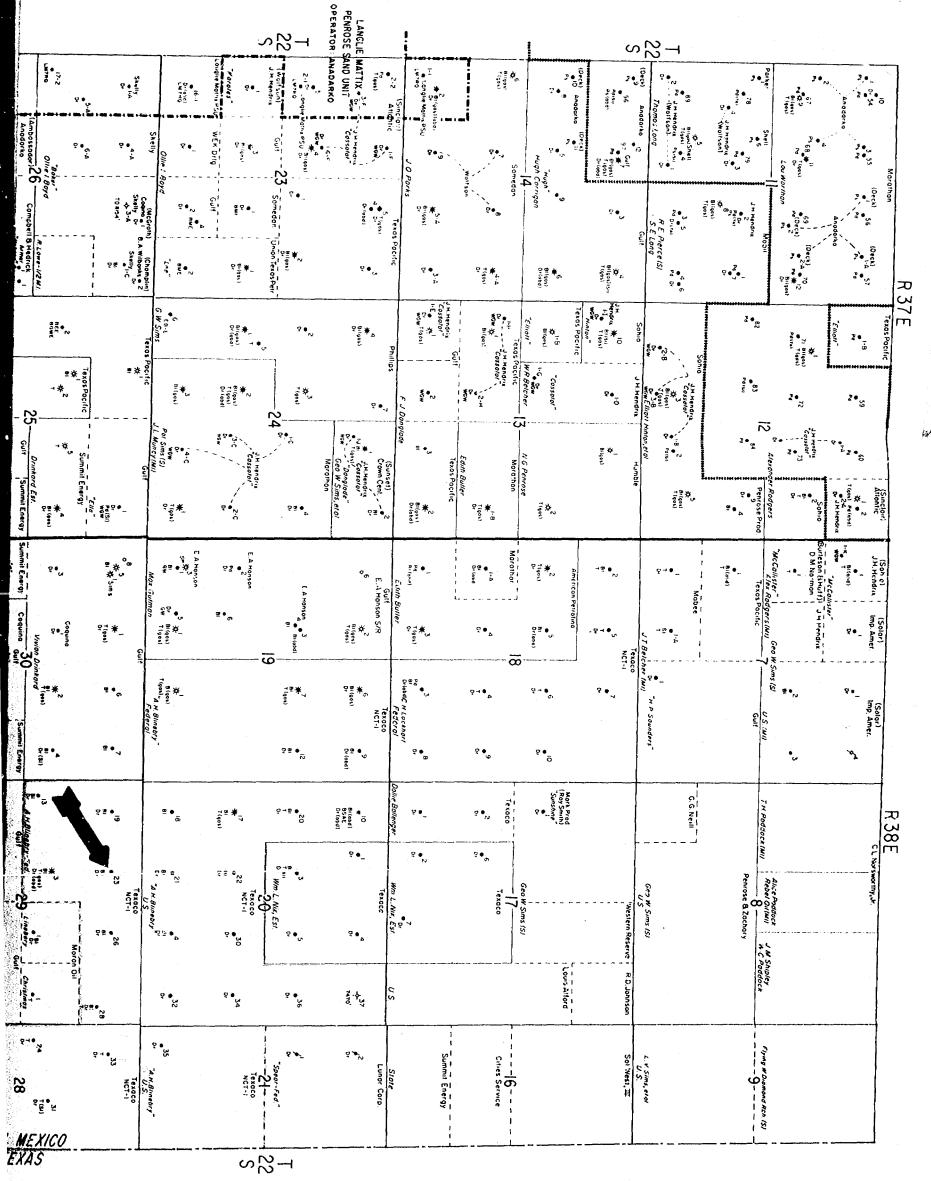
Moranco P. O. Box 1860 Hobbs, New Mexico 88240

Gulf Oil Corporation P. O. Box 670 Hobbs, New Mexico 88240

Summit Energy Inc. 112 N. First Artesia, New Mexico 88210

Coquina Oil Corp. 418 Bldg. of Southwest Midland, Texas 79701

American Petrofina Co. of Texas P. O. Box 1311 Big Spring, Texas 79720



Armer Deck 3-1 Larran -0 4500			S27													
8 -			3636.	S.D. Young			1	L M 7 PO	LM7RO	2-A LM780	1-A 1-A	10-1	- :			
\$10 \$10			~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Armer	°_	Gulf		LM780		-	Prodervo	Marcoll R.D.				
16		3		Jdesso.		Shell	E. Boyd		Humble Boyd +- 3706	5 S	CCampbell & Hedric		Armer 1			
		9		So. Pet				-		Agua H-35 SWO	o i	Allio M. Lee	·			
Bloir B Price	Bloic Posice			Saroh B.				Amero	} !	1	Shell-S!					
Geo. W.		-	-	Hughes Line	H. V. Pike	Gulf	Tom Lipeb Stote		3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3	western Oil Fridate \$200'	Gulf	Amondo :				
	-		 	- 1	0101		bery (S)	1	o = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 =	ontinento	Summit Energ		.S.			
	į	Attentic	 	pbell,et of	<u> </u>	••••		2-8D Bt(SI)	ç∎• _N	Philips	1 1(gen)	Gull-Sims Gu	Summit Energy Su			
È			<u> </u> 	E. S.	,			1	· !	l age 3	T(est)		"Orinkerd"			
Geo. W. Sin	Allontic	Union Yex. C S.C	"Elliott"	7		Gulf	A. H. Blinebry - F	V		<u>~</u> **	Texaco NTC-3	3 1 8 1 1 1 1 1 1 1 1				
	C. G. Comp) 			(Pan	or or	2	97, ES	<u>u</u> ⊕ on 	0r(5t)	°u	, 			
	bell _	Artontic	 	DING"	£.	= ¥_	T(gen) T(gen) Dr	*_	£,	T (ges)	De e + 1 Golf	# 5206' # 5206' # (900) Or (800)				
		Arion Arion		Western-	T(Cas)			• (15) H 1 (15) H 1 (15) H	p P P	Dr(sea) + 3	(Pon Amer	*************************************	English !!			
Evelyn	R.L. Pererson		ן": 			, x	Tom Life Stat	2° _N	on American) (A A A A A A A A A A A A A A A A A A A	(con)	2 2 1 2 1 1 2 2 1 1 2 2 1 1 2 2 2 1 1 2 2 2 2 1 1 2	1 (mg)			
inedery (S)	•	င (၁	Wenner Porcell	۳-	_2-	Arlantic		55.7	T (que)	7(gas)	Gulf • Bi Dr(ese)	T (got) Dr (abd) pr (abd)	E.C. Higgins			
		*	 	-		Union Tex.	DES (and)	!• , .	5 °°	ā5.•°	Dr. (east)	åñ. åñ.	Dr (Ski)			
Eveira		Winston	Peterson-Fe		₽•_	Imperiol Amer	A.H.BI.		- * 5		V. 6. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	14 Pd 0 (((a + B)) 0 A + B)	Ę			
Linebery(S)			5 8	R.C. Bowden	¥•_	Imperiol Amer.	nebry-Fea	H. Speor 8. Western Res.	Č	ũ	52 62.1.1.2.000	25 P P P	P.			
	Geo. H. Sims Geo. H. Sims Evelyn Lineberry (S) Evelyn Lineberry (S)	Blair & Price Geo, W. Sims Allonic Allonic Union Tex. S. D. Young Atlantic Morsholl	Amerado Allonic All	So Pet. Soroh B. Hughes C.G. Compbell, et al C.G. C	E Conden E Cond	Shell Gulf Gulf Gulf Gulf Gondan) Union Tex. Atlantic Union Tex. Imperial Amer Imperial Amer Imperial Amer Imperial Amer Imperial Amer Imperial Amer Imperial Amer Imperial Amer Imperial Amer Imperial Amer Imperial Amer Imperial Amer Imperial American Imperial American Imperial American Imperial American Imperial Impe	Shell Sult Gulf Gulf Gulf Gulf Gulf Gulf Gulf Gulf	Amerodo Attec 2-80 Ton (heery (3)) To	Control of the contro	# 25 con 2	Company Company Column The state of the s					

ABBREVIATIONS:

BEE - BRUNSON ELLENBURGER EAST
BGW - BRUNSON GRAWITE WASH
BGWE - BRUNSON GRAWITE WASH EAST
BI - BLINESON
BME - BRUNSON MICKEE EAST
BSE - BRUNSON MICKEE EAST
BSE - BRUNSON SAW ANDRES EAST
Dr - DRINKARD

GW - GRANITE WASH (UNDESIGNATED)
LM7RO - LANGLIE MATTIX 7 RIVERS QUEEN
T Pd - PADDOCK
PS - PENROSE SKELLY GRAYBURG
SA - SANTA ROSA (UNDESIGNATED)
T - TUBB
WGW - WANTZ GRANITE WASH

S.E.LEA COUNTY, NEW MEXICO SCALE: 0' 1000' 2000' DRAWN BY: FMR DATE: 1-9-69,4-18-73 5-23-74 BLINEBRY FIELD AREA MIDLAND DIVISION DRAFT.

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:

Order No. R-4837

APPLICATION OF TEXACO, INC. FOR DOWNHOLE COMMINGLING, LEA COUNTY, NEW MEXICO.

0PL

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on July 24 , 1974 at Santa Fa, New Mexico, before Examiner Richard L. Stamets .

NOW, on this day of August, 1974, 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, Texaco, Inc., is the owner and operator of its A. H. Blinebry Federal (NCT-1) Wells Nos. 23 and 26, located in Units C and B, respectively, of Section 29, and its C. H. Lockhart Federal Well No. 5, located in Unit C of Section 18, all in Township 22 South, Range 36 East, NMPM, Lea County, New Mexico.

31

32

CASE NO. 5278 Order No. R-

> (3) That the subject wells are currently completed as follows: A. H. Blinebry Federal (NCT-1) Well No. 23: dual completion (tubingless) producing oil from the Drinkard and oil from the Blinebry formation through 2/8-inch casing two strings of cemented in a common wellbore.

A. H. Blinebry Federal (NCT-1) Well No. 26: dual completion (tubingless) producing oil from the Drinkard and oil from the Blinebry 278-inch casing formation through two strings of tubing. respectively, cemented in a common wellbore. C. H. Lockhard Federal Well No. 5:

dual completion, downhole commingled, producing commingled oil from the Drinkard and Tubb formations through a single string of tubing 2% inch casing.

(4) That the applicant proposes to recomplete each of the subject wells as follows:

> A. H. Blinebry Federal (NCT-1) Well No. 23: triple completion, tubingless, downhole commingled, to produce oil from the Drainkard, Blinebry and Tubb formations through one string of casing with all or part of the commingled gas production being produced through a second string of casing. A. H. Blinebry Federal (NCT-1) Well No. 26: triple completion, tubingless, downhole commingled, to Blinebrn, produce oil from the Drinkard, Blinebry and Tubb formations through one string of casing with all or part of the commingled gas production being produced through a second string of casing.

1

2

3

5

8

9

-3-CASE NO. 5278 Order No. R-

c. H. Lockhart Federal (NCT-1) Well No. 5:

downhole commission,

triple completion, (conventional) to produce

filing from the Drinkard, formation through the

tubing and oil from the Plinebry and Tubb

formations commission to string of the first files in the annulus.

- (5) That each of the zones to be commingled in the subject wells is capable of low marginal production only.
- (6) That the proposed commingling will not violate correlative rights and may result in the recovery of additional oil from each of the subject pools, thereby preventing waste.
- (7) 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 wells are not shut-in for an extended period.
- (8) That in order to afford the Commission the opportunity to assess the potential for waste and expeditiously to order appropriate remedial action, the operator should notify the Hobbs District Office of the Commission any time any of the subject wells are shut-in for 7 consecutive days.
- (9) That upon completion of each of the subject wells, the applicant should discuss the prior rate of production and the new rate of production with the substance of the District Office of the Commission. Hobbs in order to allocate the commingled production to each of the commingled zones in the subject wells.

- determine a formula for the

-4-

5

1

2

3

4

6

7 8

9

10 11

12

13

14

15

21 22

23

24 25

26

27 28

29

30 31

32

CASE NO. 5278 Order No. R-

That each of the subject wells should continue to be governed by all Commission Rules and Regulations governing multiple completions to the extent that said Rules and Regulations are not inconsistent with this order.

. IT IS THEREFORE ORDERED:

(1) That the applicant, Texaso, Inc., is hereby authorized to complete its A. H. Blinebry Federal (NCT-1) Well No. 23, located in Unit C of Section 29, its A. H. Blinebry Federal (NCT-1) Well No. 26, located in Unit B of Section 29, and its C. H. Lockhart Federal (NCT-1) Well No. 5, located in Unit C of Section 18, all in Township 22 South, Range 38 East, NMPM, Lea County, New Mexico as multiple completions as follows:

> A. H. Blinebry Federal (NCT-1) Well No. 23: triple completion, tubingless, downhole commingled, to Blinebry, produce oil from the Drginkard, Plinchry and Tubb formations through one string of casing with all or part of the commingled gas production being produced through a second string of casing. A. H. Blinebry Federal (NCT-1) Well No. 26: triple completion, tubingless, downhole commingled, to produce oil from the Drinkard, Blinebry and Tubb formations through one string of casing with all or part of the commingled gas production being produced through a second string of casing.

30

31

32

CASE NO. 5278 Order No. R-

C. H. Lockhart Federal (NCT-1) Well No. 5:

down hole commingled,

triple completion (conventional) to produce

oil from the Drinkard, formation through the

tubing and oil from the Drinebry and Tubb

formations commingled in the annual formations commingled in the annual formations.

(2) That upon completion of each of the subject wells in the immediately manner described above, the operator thereof shall consult with the supervisor of the Commission District Office at Hobbs to determine the formula for allocation of production to each of the commingled zones in the subject wells. Such well.

- (3) That the operator of the subject wells shall immediately notify the Commission's District Office any time any of such wells have been shut-in for 7 consecutive days.
- (4) That jurisdiction of this cause is retained for the entry of such further orders as may deem necessary.

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