CASE 5659: TEXACO INC. FOR DOWNHOLE COMMINGLING, LEA COUNTY, NEW MEXICO

CASE NO.

5659

APPlication, Transcripts, Small Exhibits,

ETC.

	Page1
1	BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico
3	March 31, 1976
4	EXAMINER HEARING
5 6	IN THE MATTER OF:
7	Application of Texaco Inc. for down-) CASE
8	hole commingling, Lea County,) 5659 New Mexico.)
9)
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11	BEFORE: Richard L. Stamets, Examiner
12	TRANSCRIPT OF HEARING
13	
14	APPEARANCES
15	For the New Mexico Oil William F. Carr, Esq. Conservation Commission: Legal Counsel for the Commission
16	State Land Office Building Santa Fe, New Mexico
17	For the Applicant: Ken Bateman, Esq.
	WHITE, KOCH, KELLY & McCARTHY
8	Attorneys at Law 220 Otero Street
9	Santa Fe, New Mexico
0	
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MR. STAMETS: We will call Case 5659.

MR. CARR: Case 5659, application of Texaco Inc. for downhole commingling, Lea County, New Mexico.

MR. BATEMAN: Mr. Examiner, I'm Ken Bateman of White, Koch, Kelly and McCarthy. I have one witness and I ask that he be sworn.

(THEREUPON, the witness was duly sworn.)

ROBERT SETZLER

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

DIRECT EXAMINATION

BY MR. BATEMAN:

- Q. State your name and place of employment, please?
- A. My name is Robert Setzler, I'm employed by Texaco and I'm currently working out of their Hobbs office.
 - Q. What is your position with Texaco?
 - A. I'm Assistant District Engineer.
 - Q Have you previously testified before the Commission?
 - A. Yes, I have.
 - Q. Did you make your qualifications a matter of record?
 - A. Yes, I did.

MR. BATEMAN: Is the witness acceptable?

MR. STAMETS: Yes, he is.

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Q.	(Mr.	Bat	teman	COI	ntinuing.)	Mr.	Setzler,	you	are
familiar	with	the	well	in	question?				

- A. Yes, I am.
- Q Will you refer to Exhibit One and state briefly what Texaco seeks by its application?

A. Yes, Exhibit One is a plat of the area and Texaco requests permission to downhole commingle Drinkard Penrose Skelly Grayburg zones in their Mittie Weatherly Well No. 1 which is indicated on this plat with the red arrow.

All other zones in offset wells and wells on our lease are also indicted on this plat and also the status of these wells.

- Q. Are the offset operators also indicated on Exhibit One?
 - A. Yes, they are.
 - Q Would you proceed then with Exhibit Two?
- A. Okay. I would like to say also that royalty interest is common to all zones in this wellbore.

Exhibit Number Two is a data sheet for this well, indicating pertinent information on the two zones under question. By downhole commingling we will realize a twelve barrel a day increase in oil production. Currently the Penrose Skelly Grayburg is shut in and the Drinkard is producing two oil and one water. The Penrose Skelly Grayburg was shut in, producing four and the reason we shut this zone in was due to the

just reached a point that we could no longer control the corrosion rate economically. By being able to produce this well into a common wellbore, we will be able to treat with corrosion inhibitor and protect all equipment in the wellbore.

Our operating costs should not increase any by the proposed action. Through downhole commingling we should be able to produce an additional twenty thousand, two hundred barrels of oil which otherwise would be non-recoverable under the present operation.

As you can note, the bottom-hole pressure on both intervals are very similar so, therefore, we feel by keeping the wellbore pumped down that we should not lose any reserves or cause any reservoir damage due to cross flow.

Texaco proposes to split production with two-thirds of the production allocated to the Penrose Skelly Grayburg and a third to the Drinkard. This is based on well test, the most recent well data we have.

The one thing that will occur when we commingle these two zones is that all the flowing zone, the Drinkard, is now receiving sweet price but all zones will be classified as sour. We will reduce our sales price forty-six cents per barrel but the twelve barrel per day increase will more than offset this loss of revenue. Currently Texaco is earning twenty-five, fifty per day and we will realize a gross

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It has been calculated that the commingled fluids will have an api gravity of thirty-five.

- Q. All right, I understand then that you anticipate the total daily production to be eighteen barrels per day?
 - A. That is correct.
- Q Would you proceed then with Exhibit Number Three and describe how the well is presently completed.
- A. Exhibit Three is a schematic of the current completion. As you can note, we have thirteen-and-three-eighths inch casing set, surface casing in which the cement was circulated and eight-and-five-eighths intermediate set at twenty-seven, ninety-one, cemented with a thousand sacks, the top located at seventeen, forty feet by a temperature survey and five-and-a-half inch production casing set at sixty-six, thirty-eight, which is TD and cemented with three hundred and fifty sacks of cement with the top located at four thousand, fifty-eight feet by temperature survey.

The Grayburg zone which is currently packed off is perforated from thirty-seven hundred and ten to thirty-seven, eighty-five. The Drinkard, the producing zone which is

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flowing is perforated from sixty-four, eighty-three to sixtysix, thirty-five feet through two-and-three-eighths inch tubing
which is set in a permanent packer at sixty-four hundred feet.

- Q All right, proceed to Exhibit Number Four and describe how you anticipate completing the well if your application is approved?
- A. Exhibit Four is a schematic of our proposed completion. All that we propose doing is removing the current two-and-three-eighths inch tubing string from the well and running it back with a perforated nipple, blow plug and mud anchor and setting it ten feet above the packer and placing the well back on production.
 - Q. Will it be produced on pump?
- A. That is correct, it will be produced by pumping equipment which is already on location.
 - Q. All right, then, proceed with Exhibit Number Five.
- A. Exhibit Five is a bottom-hole pressure taken on the flowing zone, which shows that there is a bottom-hole pressure of seven hundred and seventy-one pounds.
- Q All right, have you prepared a production curve on the well?
 - A. Yes.
 - Q Are those Exhibits Six and Seven, is that correct?
- A. That is correct. These are performance curves on both zones presenting barrels of oil per day versus time and

years.

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All right, Exhibit Number Seven is the Penrose Skelly Grayburg which is currently not producing, is that correct?

- A. That is correct.
- Q All right, proceed then with Exhibit Number Eight.
- A. Exhibit Number Eight is a gas-oil ratio or Form C-116 for the Drinkard zone in this well, showing the most current test data.
- Q What do you anticipate the gas-oil ratio will be after commingling of the two zones?
- A. I anticipate that it should be in the range of five thousand to fifty-five hundred.
 - Q Describe Exhibit Number Nine, please?
- A. Exhibit Nine is a list of offset operators, all of whom have been notified as to our intent.
 - Q Have you received any response?
 - A. No, we have not.
- Q All right, sir, if your application is approved, in your opinion will it prevent waste and protect correlative rights?
 - A. Yes, it will.
- Q Were Exhibits One through Nine prepared either by you or under your direction?
 - A. Yes, they were.

morrish reporting service General Court Reporting Service Mejia, No. 122, Santa Fe, New Mexico 87501 MR. BATEMAN: We offer Exhibits One through Nine at this time and we have no further direct.

MR. STAMETS: These exhibits will be admitted.

(THEREUPON, Applicant's Exhibits One
through Nine were admitted into evidence.)

CROSS EXAMINATION

BY MR. STAMETS:

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Q Mr. Setzler, I'm not really clear on how you arrived at the sixty-six Penrose Skelly, thirty-four Drinkard.

A. Oh, well, prior to shutting in the Grayburg it was testing four barrels of oil per day or producing, I should say, and the Drinkard is now producing two and on that basis we proposed our production split.

Q. Okay, now, getting back to Exhibit Number Six, which is the Drinkard zone, it appears as though you had a decline curve there for, say, '73 and '74 which was substantially above the 1975 rates of production?

A. Yes, sir.

Q. What accounted for that?

A. Just a drop in reservoir pressure. We have produced it by flowing and our pressures dropped. This is another point of our application is that we need to place this well on pump at this time and we are trying to produce it under a packer and our pumping equipment will be extremely

inefficient.

Q If you put a pump in here will you expect a substantial increase in the production from the Drinkard?

A. I would anticipate an increase of four to five barrels a day because of the two zones, the bottom-hole pressures are extremely similar and I think they will react in an extremely similar manner.

Q. If you did get this type of a production increase that would make your production split roughly fifty?

A. That is correct, and we can adjust that production split once we do accomplish this if we see a market increase from what we anticipate.

Q. And referring to Exhibit Number Seven, it appeared as though the production rate on the Grayburg was something above six barrels a day.

A. Yes.

O. Before the first of 1975?

A. Right.

Q And then the test for the first month of '75 was four barrels a day, which of those rates are more indicative of the well's actual ability to produce?

A. Well, the zone was also dropping. I feel that in the range of four to five barrels a day is what its capability was when we shut it in but I feel that is about what it should be able to produce.

Q.	Tt	appears	that	а	fifty	split	miaht	'nе	hetter
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- A. It might be better, that will be fine.
- Q And the gas would be allocated simply on a gas-oil ratio basis, barrels times GOR?
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MR. STAMETS: Any other questions of this witness?
He may be excused.

(THEREUPON, the witness was excused.)

MR. STAMETS: Anything further in this case? We will take the case under advisement.

REPORTER'S CERTIFICATE

I, SIDNEY F. MORRISH, a Certified Shorthand 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.

Sidney F. Morrish, C.S.R.

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825 Calle Mejia, No. 122, Santa Fe, New Mexico 8
Phone (505) 982-9212

i do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 5659. heard by meyon 3. 19.26.

New Mexico Oil Conservation Commission

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

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For the New Mexico Oil William F. Carr, Esq. Conservation Commission: State Land Office Building

Legal Counsel for the Commission

Santa Fe, New Mexico

For the Applicant:

Ken Bateman, Esq.

WHITE, KOCH, KELLY & McCARTHY

Attorneys at Law 220 Otero Street Santa Fe, New Mexico

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Q Before the first of 1975?

A Right.

And then the test for the first month of '75 was four barrels a day, which of those rates are more indicative of the well's actual ability to produce?

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- A. It might be better, that will be fine.
- And the gas would be allocated simply on a gas-oil ratio basis, barrels times GOR?
 - A. Yes, sir.

MR. STAMETS: Any other questions of this witness?
He may be excused.

(THEREUPON, the witness was excused.)

MR. STAMETS: Anything further in this case? We will take the case under advisement.

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REPORTER'S CERTIFICATE

I, SIDNEY F. MORRISH, a Certified Shorthand 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.

Sidney F. Morrish, C.S.R.

i do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 56.57 heard by me on 19.76

New Mexico Oil Conservation Commission



DIRECTOR

JOE D. RAMEY

Other

OIL CONSERVATION COMMISSION

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

LAND COMMISSIONER PHIL R. LUCERO April 21, 1976



STATE GEOLOGIST EMERY C. ARNOLD

Mr. Ken Bateman White, Koch, Kelly & McCarth	Re: CASE NO. 3639 ORDER NO. R-5201
Attorneys at Law Post Office Box 787 Santa Fe, New Mexico	Applicant:
	Texaco Inc.
Dear Sir:	
	two copies of the above-referenced try entered in the subject case.
Yours very truly, JOE D. RAMEY Director	
JDR/fd	
Copy of order also sent	to:
Hobbs OCC * Artesia OCC Aztec OCC	

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. 5659 Order No. R-5201

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 March 31, 1976, at Santa Fe, New Mexico, before Examiner, Richard L. Stamets.

NOW, on this 20th day of April, 1976, 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 the Mittie Weatherly Well No. 1, located in Unit F of Section 17, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.
- (3) That the applicant seeks authority to commingle Penrose Skelly (Grayburg) and Drinkard production within the wellbore of the above-described well.
- (4) That from the Penrose Skelly (Grayburg) zone, the subject well is capable of low marginal production only.
- (5) That from the Drinkard zone, the subject well is capable of low marginal production only.
- (6) 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.
- (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 well is not shut-in for an extended period.

-2-Case No. 5659 Order No. R-5201

- (8) That to afford the Commission 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 Commission any time the subject well is shut-in for 7 consecutive days.
- (9) That in order to allocate the commingled production to each of the commingled zones in the subject well, 50 percent and 36 percent of the commingled oil and gas production, respectively, should be allocated to the Penrose Skelly (Grayburg) zone, and 50 percent and 64 percent of the commingled oil and gas production, respectively, to the Drinkard zone.

IT IS THEREFORE ORDERED:

- (1) That the applicant, Texaco Inc., is hereby authorized to commingle Penrose Skelly (Grayburg) and Drinkard production within the wellbore of the Mittie Weatherly Well No. 1, located in Unit F of Section 17, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.
- (2) That 50 percent and 36 percent of the commingled oil and gas production, respectively, shall be allocated to the Penrose Skelly (Grayburg) zone and 50 percent and 64 percent of the commingled oil and gas production, respectively, shall be allocated to the Drinkard zone.
- (3) That the operator of the subject well shall immediately notify the Commission's Hobbs district office any time the well has been shut-in for 7 consecutive days and shall concurrently present, to the Commission, a plan for remedial action.
- (4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

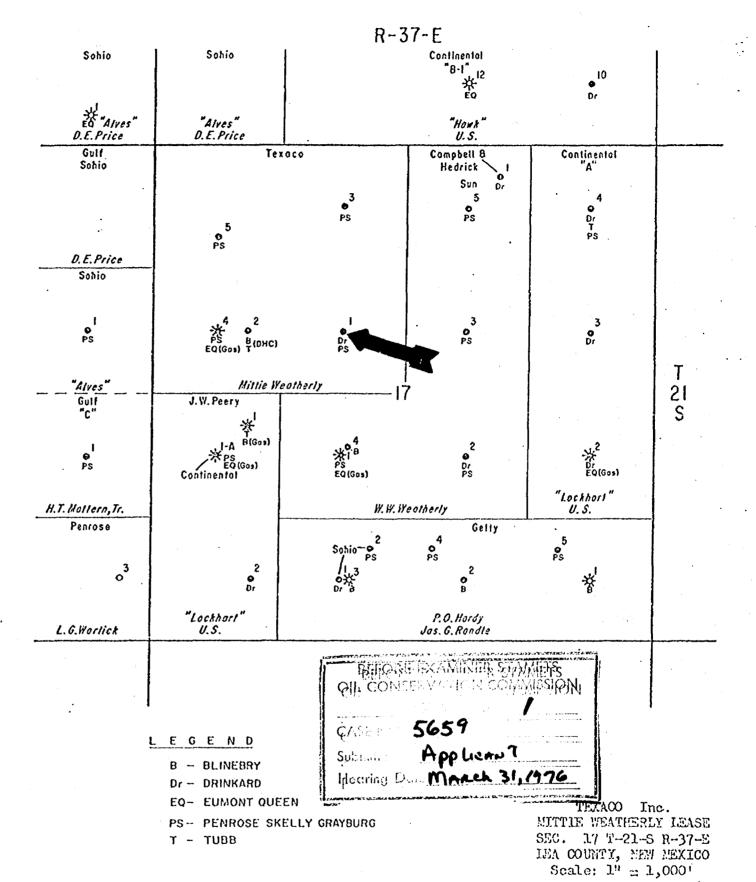
STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairman

EMERY C. ARNOLD, Member

JOE D. RAMEY, Member & Secretary

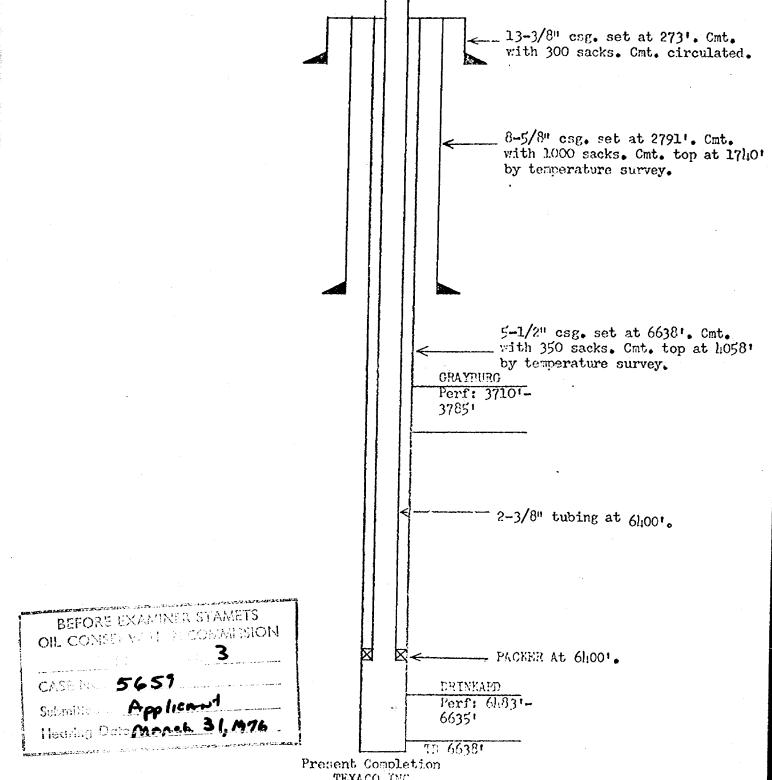
SEAL



DATA SHEET FOR WELLBORE COMMINGLING

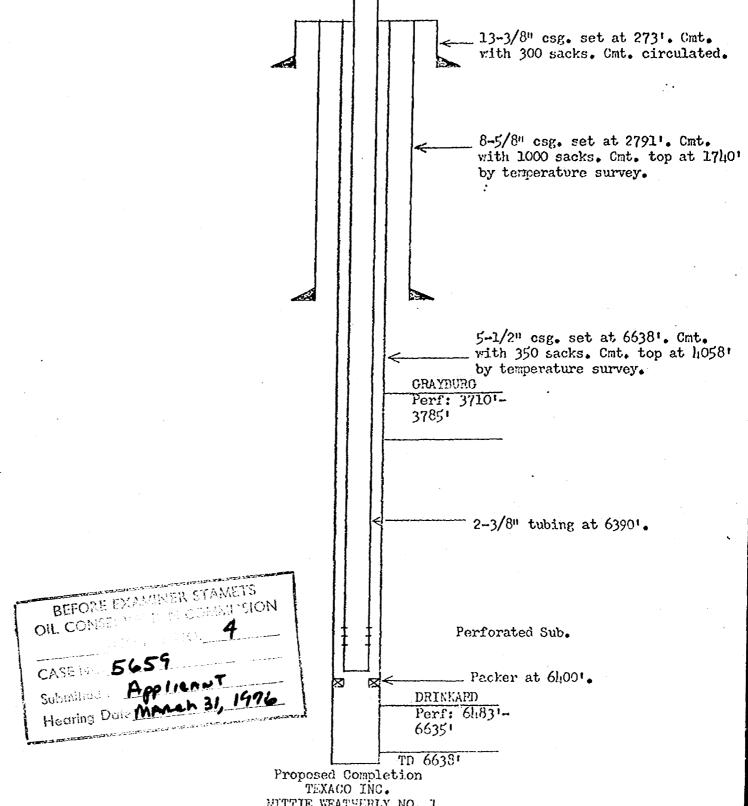
Operator: TEXACO INC.

Address: P. O. Box 728 - Hobbs, New Mexico 88240										
Lease and Well No: Mittie Meatherly No. 1										
Location: Unit F ;	Location: Unit F ; 1980 Feet from the Horth Line and									
1980 Feet from West Line of Section 17										
Township 21-S	, Range 37-E	Lea County.								
WELL DATA										
	Upper Pool	Lower Pool								
Name of Pool	Penrose Skelly Grayburg	Drinkard								
Producing Method	Pump (Shut-In)	Flow								
внр	610 (Est.)	771								
Type Crude	Sour	Sweet								
Gravity	34.2	37.4								
GOR Limit	10,000	6,000								
Completion Interval	37101-37851	6483'-6635'								
Current Test Date	January, 1975	2-3-76								
Oil	4									
Water	0	T								
GOR	5100	8800								
Selling Price of Crude-\$/BBL.	Shut-In	12.75								
Daily Income - \$/Day	an be	25.50								
COMMINGLED DATA: Gravity of Commingled Crude	35 (Est.)	BEFORE EXAMINER STAMETS OIL CONSERVATION COMMESION								
Selling Price of Commingled Cruc		CA 5459								
Daily Income - \$/Day 172.06	State Applicant Hearing Code Manch 31, 1976									
	Het (Grin) XXXXXX From Wellbore Commingling - S/Day 146.56 (Production increase based on current producing rates. of 12 BOPD)									



Present Completion
TEXACO INC.
MITTIE WEATHERLY NO. 1
PENROSE SKELLY GRAYBURG & DRINKARD POOLS
LEA COUNTY, LEW MEXICO

JBS 2-10-76



PENROSE SKELLY GRAYBURG & DRINKAPD POOLS
IFA COUNTY, NEW MEXICO

JRS 2-10-76

CULEMHIP PERKULEUM ENGINEEKING CUMPHIIS

PHONE 393-3313

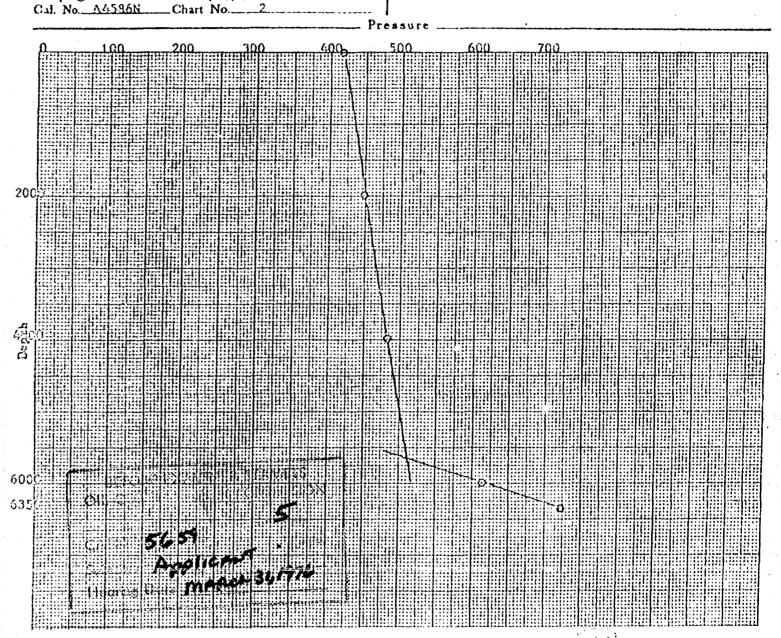
3713 W MARIANIN ST

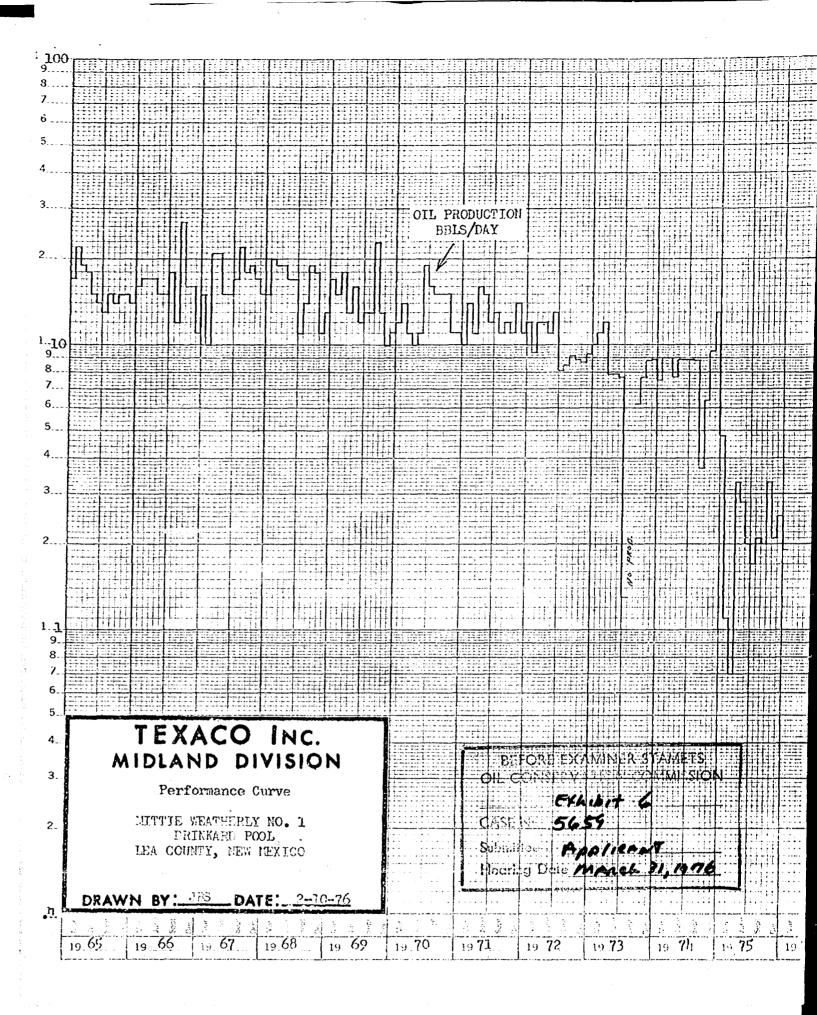
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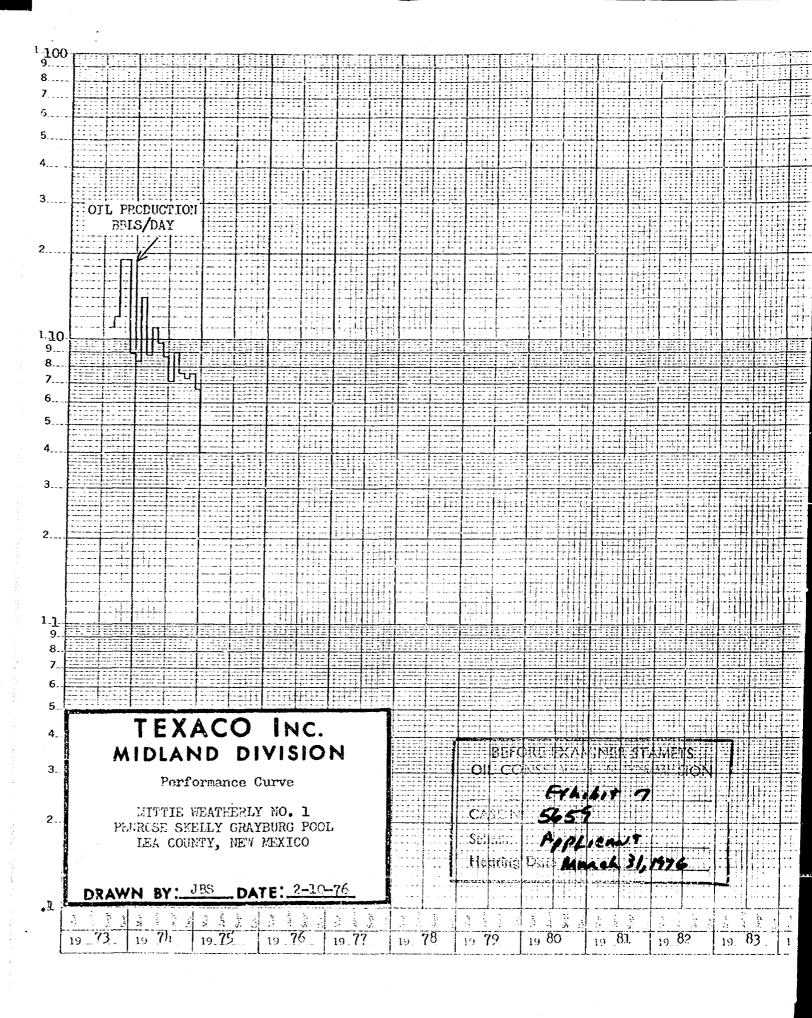
HOBBS, NEW MEXICO B8240

BOTTOM HOLE PRESSURE RECORD

OPERATOR Tenaco Inc.	<u></u>		
FIELD Drinkard FORMATION Drinkard	Depth	Pressure	Gradient
LEASEHIttie Weatherly WELL No. 1	0	418	-
COUNTY Lea STATE New liexico	2000	449	.016
DATE 4-3-75 TIME 2:30 Pm	4000	492	.017
Status Shut in Test depth 6350!	6000	• 613	.066
Time S. 1.24.0 Ilrs Last test date -	6350	721	.309
Tub Pres 418 BHP last test -	6513(-3020)	771# **	(.309)
Cas. Pres BHP change			•
Elev. 3493 KB-13 Fluid top 5668!	* Extrapolat	ed Pressure	
Datum (-3020)** Water top None	** HidPoint of	f Casing Perfora	tions
Temp. @ 111 F Run by Pracock		_	







NEW MEXICO OIL CONSERVATION COMMISSION GAS - OIL RATIO TESTS

C-116 Revised 1-1-65

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Texaco Inc.			Fo	Dr	inkard	l .				Co	unty	Lea				
P. O. Box 728 - Hob	bs, New	llex	ico	88240				E OF T ~ (X)	Sch	induled [_]		Сопц	oletion []	fpe	cto! 🔀
	WELL		LOC	ATION		DATEOF	5	CHOKE	1	DAILY	LENGTH OF			URING	TEST GAS - OIL	
LEASE NAME	۷О.	บ	s	7	R	TEST	37.	. •	PRESS.	ALLOW-	TEST HOURS	WATER DBLS.	GRAV.	OIL BBLS.	GAS N.C.F.	RATIO CU.FT/BBL
Mittie Weatherly	1	F	17	21-5	37 - E	2-3 - 76	F	18/64	110	8	24	1	37.4	2	17.6	8800
OIL CONS Sess STAWETS STAWETS STAWETS APPLICANT BOTH MINES SION BOTH STAWETS APPLICANT BOTH STAWETS BOTH STAW			·							•						

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 pain and a temperature of 60° F. Specific gravity base will be 0.60.

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

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

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

(Signature)

Assistant District Superintendent

(Tide) -76

0-70

(Date)

OFFSET OPERATORS

J. W. Peery P. O. Box 401 Hidland, Texas 79701

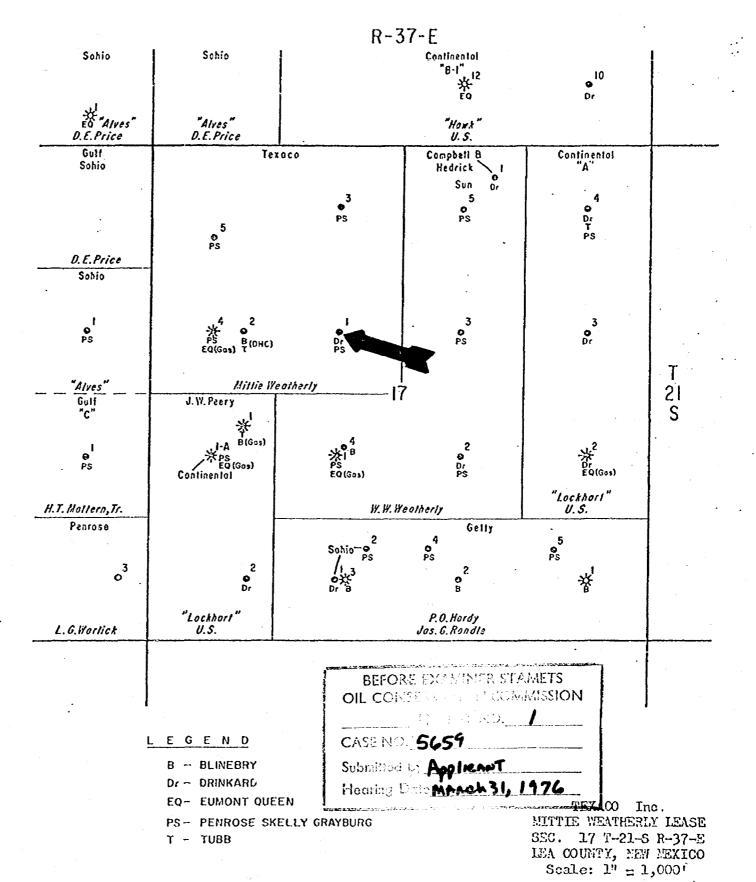
Sohio Petroleum Co. P. O. Box 3167 Hidland, Texas 79701

Continental Oil Co. P. O. Box 460 Hobbs, New Mexico 88240

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

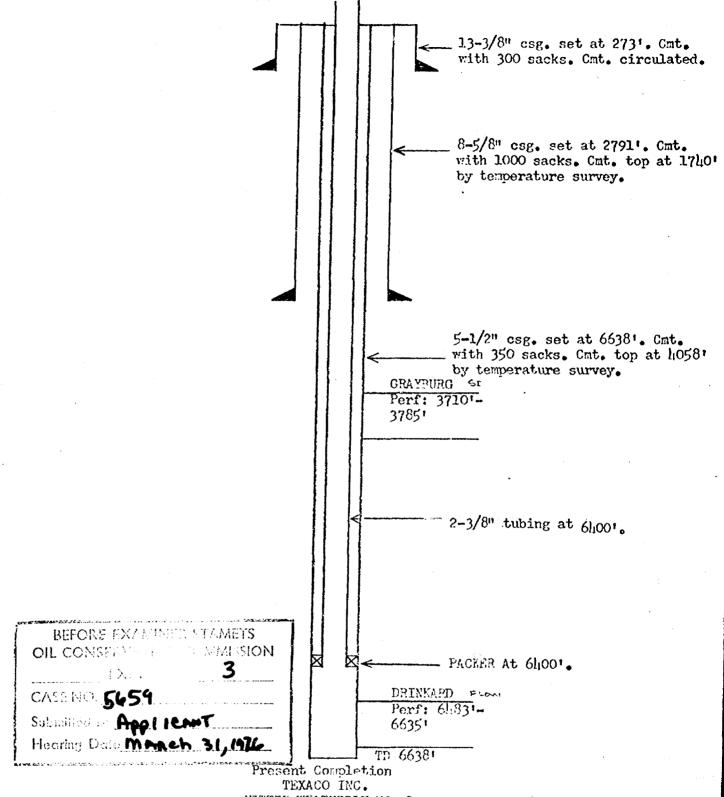
Campbell & Hedrick P. O. Box 401 Midland, Texas 79701

BEFORE EXAMINER STAMETS
OIL CONSTITUTE A COMMISSION
9
CASE 7. 5659
Summer Applicant
Source Applicant Hearing Date Manach 31, 1986



DATA SHEET FOR WELLBORE COMMINGLING

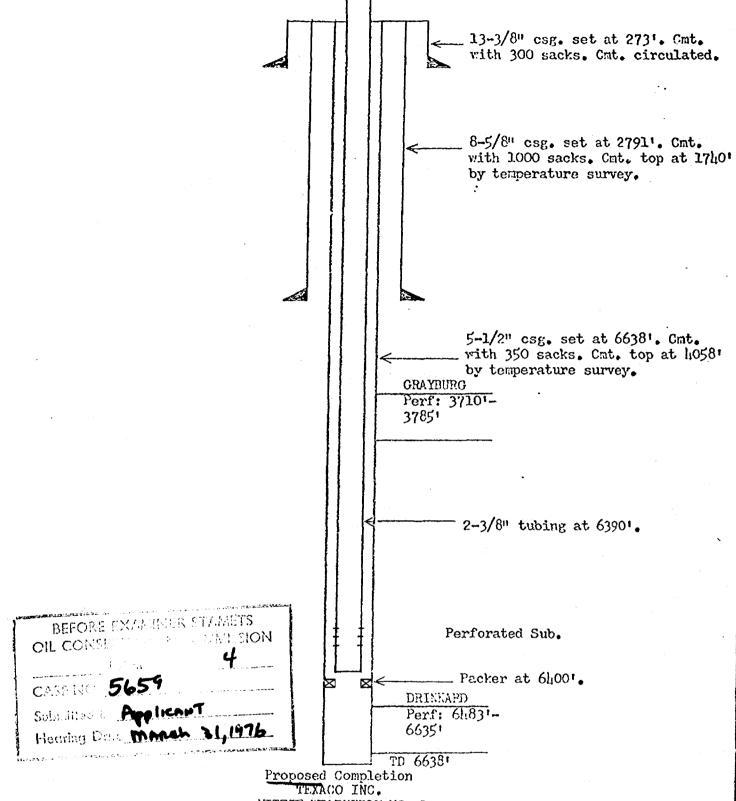
Operator: TEXACO IIIC.					
Address: P. O. Box 728 - 1	lobbs, Hew Mexico 8	8240			
Lease and Well No: Hittie Nea	atherly No. 1				
Location: Unit F	1980 Feet from	n the <u>!lorth</u> Line and			
1980 Feet from	Mest Line of	Section 17;			
Township 21-S	, Range 37-E	; Lea County.			
WELL DATA					
	Upper Pool	Lower Pool			
Name of Pool	Penrose Skelly Grayburg	Drinkard			
Producing Method	Pump (Shut-In)	Flow			
внр	610 (Est.)	771			
Type Crude	Sour	Sweet			
Gravity	34.2	37.4			
GOR Limit	10,000	6,000			
Completion Interval	3710*-3785*	6483'-6635'			
Current Test Date	January, 1975	2-3-76			
Oil	4	2			
Water	0	1			
GOR	5100	8800			
Selling Price of Crude-\$/BBL.	Shut-In	12.75			
Daily Income - \$/Day		25.50			
COMMINGLED DATA:	25 /Fat \	BEFORE EXAMINER STAMETS OIL CONSERVATION COMMISSION			
Gravity of Commingled Crude		EXEISIT NO. 2 CASE NO. 5659			
Selling Price of Commingled Cru Daily Income - \$/Day 172.06	de - \$/BBL. 12.29	Submitted by Applicant Hearing Date March 31, 1476			
Net (Gain) (XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		CONTRACTOR CONTRACTOR STATE AND STAT			



Present Completion
TEXACO INC.

MITTIE WEATHERLY NO. 1
PENROSE SKELLY GRAYBURG & DRINKARD POOLS
LEA COUNTY, NEW MEXICO

JPS 2-10-76



TEXACO INC.

MITTIE WEATHERLY NO. 1

PENROSE SKELLY GRAYBURG & DRINKARD POOLS

IEA COUNTY, NEW MEXICO

JRS 2-10-76

PHONE 393-3813

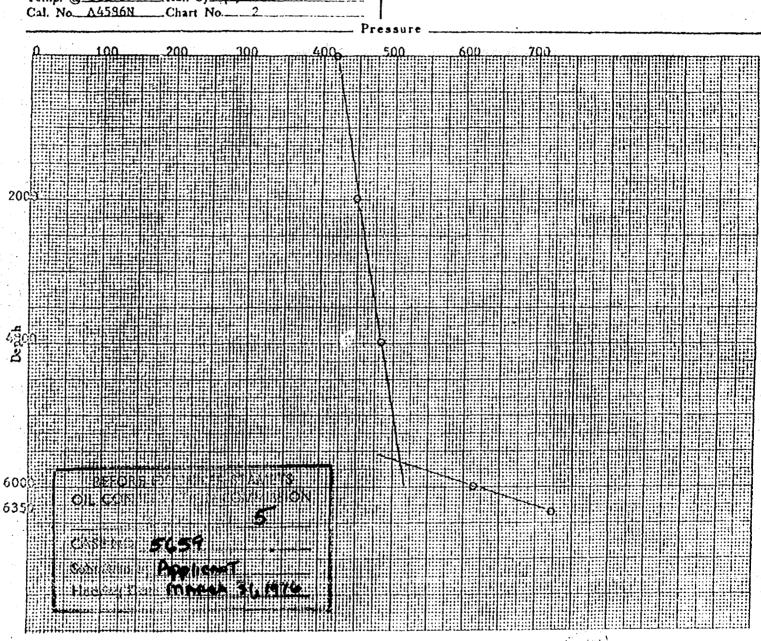
HOBBS, NEW MEXICO 89240

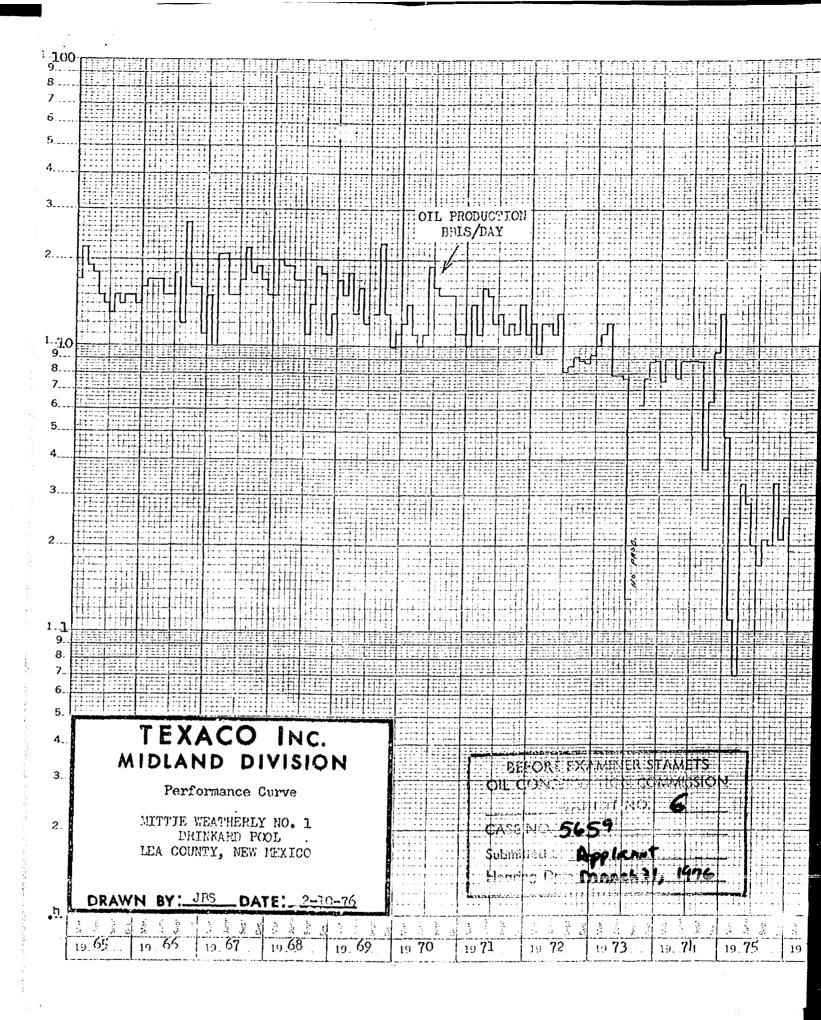
BOTTOM HOLE PRESSURE RECORD

OPERATOR_Texaco_IncFIELD_DrinkardFORMATIONPrinkardFORMATIONPrinkard	D. A	n
	Depth	Pressure
LEASEHILLIE Weatherly WELL No. 1	0	418
COUNTY Lea STATE New Liex1co	2000	449
DATE 4-3-75 TIME 2:30 Pm	4000	492
Status Shut in Test depth 6350!	6000	613
Time S. 1.24.0 Hrs Last test date	6350	721
Tub Pres 418 BHP last test	6513(~3020)	771* *
Cas. Pres BHP change	-	
Elev. 3493 KB-13 Fluid top 5668!	* Extrapolate	d Pressure
Datum (-3020)** Water top None	** MidPoint of	
Temp. @ 111 F Run by Reacock		

Depth	Pressure	Gradient
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2000	449	.C16
4000	482	.017
6000	• 613	•066
6350	721	•309
6513(~3020)	771* **	(.309)

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NEW MEXICO OIL CONSERVATION COMMISSION GAS - OIL RATIO TESTS

C-116 Hevised 1-1-65

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Texaco Inc.			Po		inkard	ſ				Cou	nu: y	ea				
P. O. Box 728 - Hobi	os, New	liex	ico	88240				= OF (X)	Sch	oduled []		Comp	detton []	Fp c	ctal 💢 🗍
	WELL	,	LOC	ATION		OATEOF	55	СНОКЕ	TEG.	DAILY	CENCTH			URING		GAS - OIL
LEASE NAME	NO.	U	5	۲	R	TEST	3,7		PRESS.	ALLOW- ABLE	TCST HOURS	WATER DDLS.	GRAV. OIL	OIL BOLS,	GAS M.C.F.	RATIO CU.FT/BBL
Mittie Weatherly	. j	F	17	21-5	37 - E	2-3-76	F	18/64	110	8	24	7	37.4	2	17.6	8800
ON CONTRACT STANFIS ON SETON SESSON Applicant Applicant And Applicant App															·	

. 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 cosing pressure in lieu of tubing pressure for any well producing through cosing.

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

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

(Signature)

Assistant District Superintendent

(Title)

2-6-76

(Pate)

OFFSET OPERATORS

J. W. Peery
P. O. Box 401
Hidland, Texas 79701

Sohio Petroleum Co. P. O. Box 3167 Hidland, Texas 79701

Continental Oil Co. P. O. Box 460 Hobbs, New Mexico 88240

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

Campbell & Hedrick P. O. Box 401 Midland, Texas 79701

BEFC	DRE EXAMINER STAMETS
OIL CO	NOWN OF M COMMISSION
Section 10 to 10 t	War a 9
CASE N	5459
Sulmiti :	Applicant
Hogring	Desemble 31,1976

Dockets Nos. 12-76 and 13-76 are tentatively set for hearing on April 14 and 28, 1976. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - MARCH 31, 1976

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. Stauets, Examiner, or Daniel S. Nutter, Alternate Examiner:

CASE 5641: (Continued from March 17, 1976 Examiner Hearing)

Application of John Yuronka for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced water by injection to the Oueen formation through the open-hole interval from approximately 3800 to 3875 feet in his State JC "T" Well No. 1 located in Unit B of Section 16, Township 23 South, Range 36 East, Langlie-Mattix Pool, Lea County, New Mexico.

CASE 5651: (Continued & Readvertised)

Application of Burmah Oil & Gas Co. for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a Morrow test well to be drilled 1780 feet from the South line and 660 feet from the West line of Section 11, Township 24 South, Range 28 East, Eddy County, New Mexico, the W/2 of said Section 11 to be dedicated to the well.

- CASE 5655: Application of Apollo 011 Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced water into the lower Yates-Seven Rivers formation through the open-hole interval from 3289 to 3363 feet in its Brown Well No. 5, located in Unit E of Section 25, Township 25 South, Range 36 East, Jalmat Pool, Lea County, New Mexico.
- Application of David Fasken for an unorthodox location and simultaneous dedication, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of his Avalon Federal Com Well No. 2, to be drilled 660 feet from the South and West lines of Section 1, Township 21 South, Range 25 Fast, Catclaw Draw-Morrow Gas Pool, Eddy County, New Mexico, with all of said Section 1, a previously approved 854-acre non-standard gas proration unit, to be simultaneously dedicated to said well and to applicant's Avalon Federal Com Well No. 1, located in Unit P of said Section 1.
- CASE 5657: Application of Inexco Oil Company for an unorthodox gas well location, Eddy County, New Mexico.

 Applicant, in the above-styled cause, seeks approval for the unorthodox gas well location of a well to be drilled 350 feet from the East line and 803 feet from the South line of Section 1,

 Township 21 South, Range 26 East, Burton Flat Field, Eddy County, New Mexico, the S/2 of said Section 1 to be dedicated to the well.
- CASE 5658: Application of Inexco 011 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 W/2 of Section 10, Township 21 South, Range 26 East, Avalon Field, Eddy County, New Mexico, to be dedicated to applicant's Inexco Federal-State Com Well No. 1-10, to be drilled at an orthodox location. 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 5659: Application of Texaco Inc. for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle Penrose Skelly Grayburg and Drinkard production in the wellbore of its Mittie Weatherly Well No. 1, located in Unit F of Section 17, Township 21 South, Range 37 Fast, Lea County, New Mexico.
- CASE 5660: Application of Exxon Corporation for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the Fairview Mills Unit Area comprising 3840 acres, more or less, of Federal and Fee lands in Township 25 South, Range 34 East, Lea County, New Mexico.
- CASE 5661: Application of Randolph M. Richardson for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the CC Tank Unit Area comprising 10,550 acres, more or less, of Federal, State, and fee lands in Townships 19 and 20 South, Ranges 23 and 24 East, Eddy County, New Mexico.



February 27, 1976

TEXAGO INC.
OIL COUSEPAATIC DRAWIN 728
OIL COUSEPAATIC DRAWIN 728

New Mexico 011 Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501

RE: REQUEST FOR EXAMINER HEARING
Application for Downhole Commingle
Mittie Weatherly No. 1
Penrose Skelly Grayburg & Drinkard Pools
Lea County, New Mexico

ATTENTION: MR. JOE D. RAMEY

Gentlemen:

It is requested that an examiner hearing be scheduled to consider TEXACO's application to downhole commingle the Penrose Skelly Grayburg and Drinkard Pools in the Mittie Weatherly Well No. 1, located in Unit F of Section 17, Township 21 South, Range 37 East, Lea County, New Mexico.

All offset operators have been notified of this application.

Your cooperation in this matter will be appreciated.

Yours very truly,

0. V. Gannon

District Superintendent

JBS:las

NMOCC - Hobbs, New Mexico OFFSET OPERATORS

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L.G.Worlick	"Lockhart" U.S.		P.O. Hardy Jas. G. Rondle		

LEGEND

8 - BLINEBRY

Dr - DRINKARD

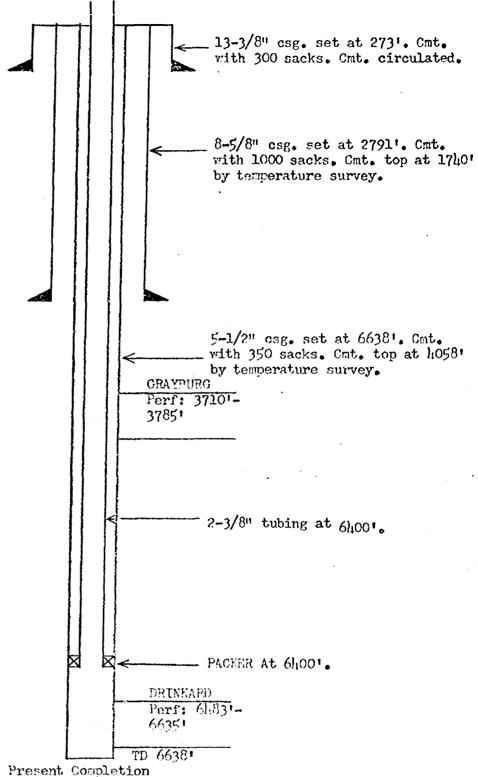
EQ- EUMONT QUEEN

PS- PENROSE SKELLY GRAYBURG

T - TUBB

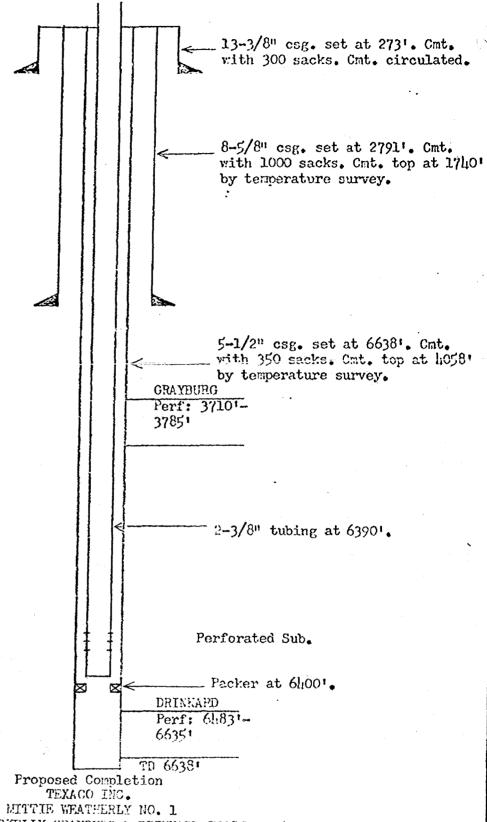
TEXACO Inc.
MITTLE WEATHERLY LEASE
SEC. 17 T-21-S R-37-E
IEA COUNTY, NEW MEXICO
Scale: 1" = 1,000"

Operator: TEXACO IIIC.		
Address: P. O. Box 728 - 1	lobbs, New Mexico 88240	
Lease and Well No: Mittie Mea	therly No. 1	
Location: Unit F ;	1980 Feet from the	Morth Line and
1980 Feet from	Nest Line of Sect	ion 17 ;
Township 21-S	, Range 37-E	; Lea County.
WELL DATA		
	Upper Pool Penrose Skelly	Lower Pool
Name of Pool	Grayburg	Drinkard
Producing Method	Pump (Shut-In)	Flow
ВНР	610 (Est.)	771
Type Crude	Sour	Sweet
Gravity	34.2	37.4
GOR Limit	10,000	6,000
Completion Interval	3710'-3785'	6483'-6635'
Current Test Date	January, 1975	2-3-76
Oil	4	2
Water	0	7
GOR	5100	8800
Selling Price of Crude-\$/BBL.	Shut-In	12.75
Daily Income - \$/Day	gal die Herringsverkringsverweige betreet von der verweige gewonde verweige von der verderen.	25,50
COMMINGLED DATA:		
Gravity of Commingled Crude	35 (Est.)	
Selling Price of Commingled Cruc	le - \$/BBL. 12.29	
Daily Income - \$/Day 172.06		
Net (Gain) XXXXXXX From Wellbore based on current producing rates		.56 (Production increas of 12 BOPD)



Present Completion
TEXACO INC.
MITTIE WEATHERLY NO. I
PENEROSE SKELLY GRAYBURG & DRINKARD POOLS
LEA COUNTY, NEW MIXICO

JBS 2-1.0-76



TEXACO INC.

MITTIE WEATHERLY NO. 1

PENROSE SKELLY GRAYBURG & DRINKARD POOLS

IEA COUNTY, NEW MEXICO

JRS 2-10-76

PHONE 393-3813

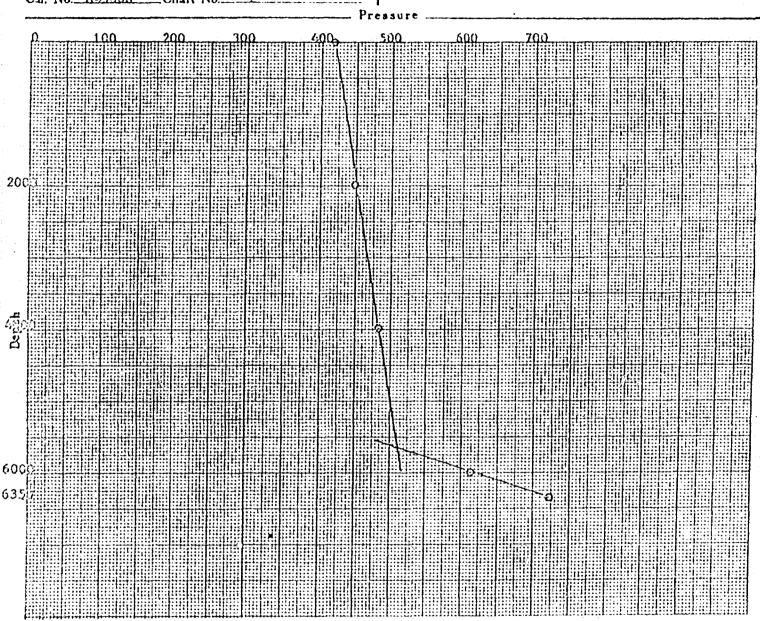
HOBBS, NEW MEXICO 09240

BOTTOM HOLE PRESSURE RECORD

Opan Iman Mauras Tata	
OPERATOR Texaco Inc.	1
FIELD Drinkard FORMATION Drinkard	Depth
LEASEHIttie Weatherly WELL No. 1	0
COUNTY Lea STATE New Hexico	2000
DATE 4-3-75 TIME 2:30 Pm	4000
Status Shut in Test depth 6350!	6000
Time S. 1.24.0 Ilrs Last test date	6350
Tub Pres. 618 BHP last test	6513(-30
Cas. Pres BHP change	
Elev. 3493 KB-13 Fluid top 5668!	* Extra
Datum (-3020)** Water top None	** HidPo
Temp. @ 111°F Run by Reacack	
Cal. No. A4596N Chart No. 2	

Depth		Pressure	Gradient
0		418	-
2000		449	.016
4000		492	.017
6000	•	613	.066
6350		721	.309
6513(~3020)		771* **	(.309)

apolated Pressure oint of Casing Perforations



NEW MEXICO OIL CONSERVATION COMMISSION GAS - OIL RATIO TESTS

C-116
Revised 1-1-65

Operator	····		Po								Co	unty					
Texaco Inc.	Drinkard					1 	Lea TYPE OF										
P. O. Box 728 - Hot	bs, New	lew liexico 88240			TYP	PE ST	OF - (X)	Sci	heduted [_]	Completion Fpecial [X]							
	WELL		LOC	ATION		DATEO	-	5 0	сноке	TEG.	DAILY	CE CE			URING	TEST	GAS - OIL
LEASE NAME	NO.	U	s	т	R	TEST		37.	1	PRESS.	ALLOW-	TEST HOURS	WATER BBLS.	GRAV. OIL	OIL BELS.	GAS M.C.F.	RATIO CU.FT/BBL
Mittie Weatherly	7	F	17	21-5	37 - E	2-3-76		F	18/64	110	8	24	7	37.4	2	17.6	8800
			•								,						

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 flew of tubing pressure for any well producing through casing.

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

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

(Signature)

Assistant District Superintendent

(Title)

6**-**76

(Pate)

OFFSET OPERATORS

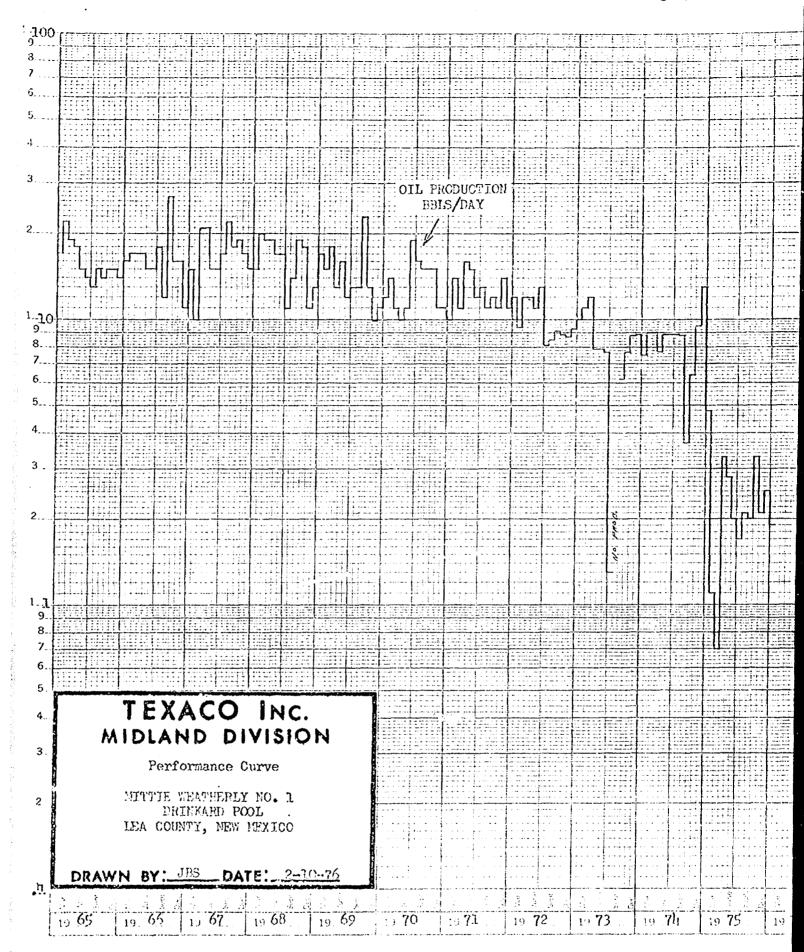
J. W. Peery
P. O. Box 401
Hidland, Texas 79701

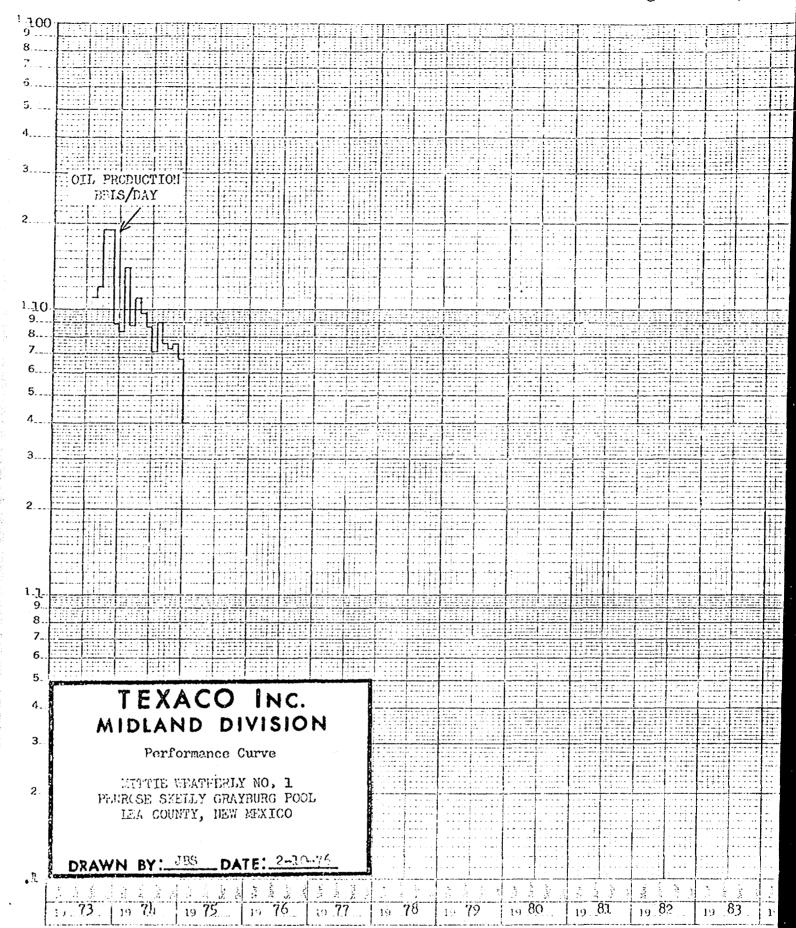
Sohio Petroleum Co. P. O. Box 3167 Hidland, Texas 79701

Continental Oil Co. P. O. Box 460 Hobbs, New Mexico 88240

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

Campbell & Hedrick P. O. Box 401 Midland, Texas 79701





1

		R-	37-E		•
Sohio	Sohio		Continental "B-1" 12 EQ	10 •	·
EG "Alves" D.E. Price	"Alves" D.E.Price		"Howk" U.S.	. '	
Gulf Sahio	Texac		Campbell 8 Hedrick I Sun Dr	Continental "A"	
: :	5 • • • PS	PS	5 • Ps	4 • Or • • PS	
D. E. Price Sonio	6				
) PS	4 2 PS B (DHC) EQ(Gos) P (DHC)	Dr. Ps	3 PS	3 Or	
"Aives"	Hittie Weoth	herly	17	, A	21
Gull "C" I PS	J. W. Peery J. A B(Gos) PS EQ(Gos) Continental	4 31 B PS E0 (Gos)	2 9 Ur PS	, 2 Ör EQ(Gos)	T 21 S
H.T. Mallern, Tr.		У У. УУ.	Weotherly	"Lockhori" U.S.	
Penrose o ³	2 • Dr	Sohio PS	Getty 4 PS 2 B	5 PS	
L.G.Worlick	"Lockhort" U.S.		P.O.Hordy Jos. G.Rondle		
					1

LEGEND

B - BLINEBRY

Dr - DRINKAHD

EQ- EUMONT QUEEN

PS- PENROSE SKELLY GRAYBURG

T - TUBB

TEXACO Inc.

MITTLE WEATHERLY LEASE

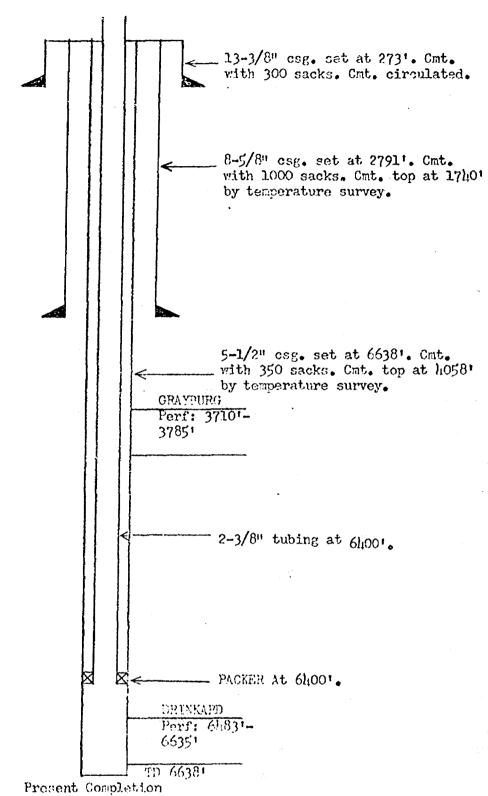
SEC. 17 T-21-S R-37-E

LEA COUNTY, NEW MEXICO

Scale: 1" = 1,000

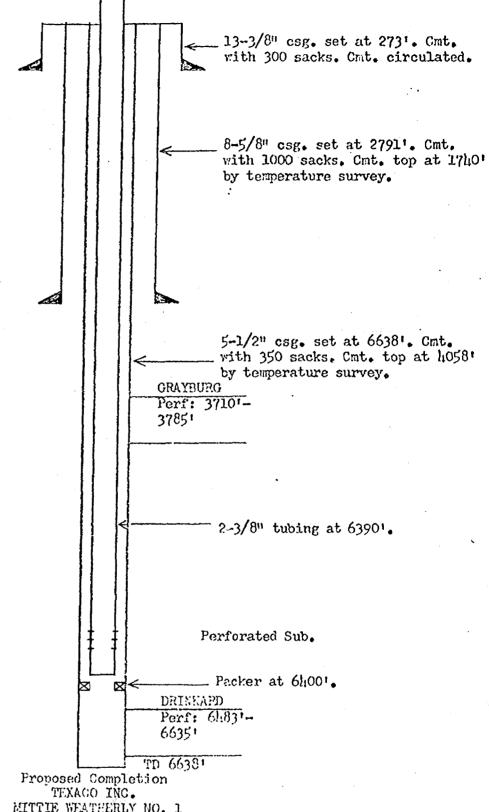
DATA SHEET FOR WELLBORE COMMINGLING

Location: Unit F	1980 Feet from the	florth Line and				
1980 Feet from	n West Line of Section	n <u>17</u>				
Township 21-S	, Range 37-E ;	Lea County				
WELL DATA						
	Upper Pool	Lower Pool				
Name of Pool	Penrose Skelly Grayburg	Drinkard				
Producing Method	Pump (Shut-In)	Flow				
ВНР	610 (Est.)	771				
Type Crude	Sour	Sweet				
Gravity	34.2	37.4				
GOR Limit	10,000	6,000				
Completion Interval	3710'-3785'	6483'-6635'				
Current Test Date	January, 1975	2-3-76				
Oil	4	. 2				
Water	0	1				
GOR	5100	8800				
Selling Price of Crude-\$/BBL.	Shut-In	12.75				
Daily Income - \$/Day	ad to	25.50				
COMMINGLED DATA:						
Gravity of Commingled Crude	35 (Est.)					
Selling Price of Commingled Cru	de - \$/BBL. 12.29					
Daily Income - \$/Day 172.06						



TEXACO INC.
MITTIE WEATHERLY NO. 1
PHURCES SKELLY GRAYTURG & DRINKAND POOLS
LEA COUNTY, NEW MEXICO

JBS 2-10-76



TEXAGO INC.

MITTIE WEATHERLY NO. 1

PENROSE SKELLY GRAYBURG & DRINKARD POOLS

IEA COUNTY, DESCRIPTION

JRS 2-10-76

PHONE 393-3813

3713 W. MARIAND ST

P. O. BOX 1829

HOBBS, NEW MEXICO 89240

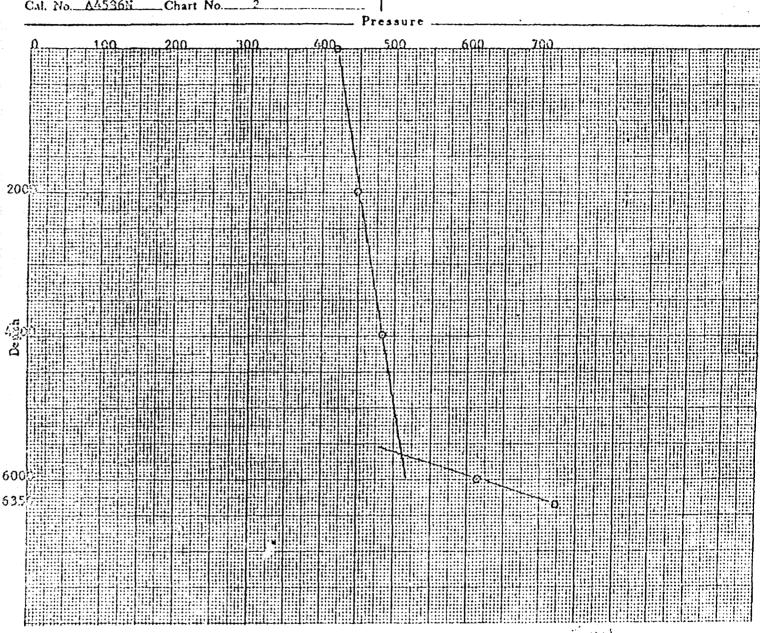
BOTTOM HOLE PRESSURE RECORD

OPERATOR Texago Inc.	!
FIELD Drinkard FORMATION Drinkard	Depth
LEASE Mittle Weatherly WELL No. 1	0
COUNTY Lea STATE New Mexico	2000
DATE 4-3-75 TIME 2:30 Pm	4000
Status Shut In Test depth 6350!	6000
Time S. 1.24.0 Ilrs Last test date	6350
Tuo Pres. 413 BHP last test -	6513(
Cas. Pres. = BHP change = 56691	
Elev. 3493 KB-13 Fluid top 5668!	* Ex
Temp. @ 111 F Run by Reacock	** 310
Cal. No. A4536N Chart No. 2	

Depth		Pressure	Gradient				
0		418	•				
2000		449	.016				
4000		432	.017				
6000	•	613	.066				
6350		721	.309				
6513(-3020)		771# **	(.309)				

* Extrapolated Pressure

** MidPoint of Casing Perforations



NEW MEXICO OIL CONSERVATION COMMISSION GAS - OIL RATIO TESTS

C-116 Revised 1-1-65

Operator Texaco Inc.	Pool Drinkard															
P. O. Box 728 - Hobb	os, New	Hex	ico	88240		<u>ग</u> T	YP? EST	E OF - (X)	Sch	Schoduled [Cong	: northan			pecial 💹
LEASE NAME	WELL		LOC	ATION		DATEOF	110	CHOKE		DAILY ALLOW-	CI'	WATER		OURING	TEST	GAS - OIL RATIO
Chase Haire	NO.	U.	s	T	R	TEST	3.4	SIZE	PRESS.	ABLE	HOURS	BBLS.	OIL	BBL S.	M.C.F.	CU.FT/BBL
Mittie Weatherly	7	F	17	21-5	37 - E	2-3-76	F	18/64	ำำ	8	24	.]	37.4	2	17.6	8800
		•														
-																
		· -	-							,					ı	

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

During gos-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.

Oss volumes must be reported in MCF measured at a pressure base of 15.025 pala and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in iteu 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.

and

(Signature)
Assistant District Superintendent

(Title) 2-6-76

(1)(1)

Wester

OFFSET OPERATORS

J. W. Peery P. O. Box 401 Hidland, Texas 79701

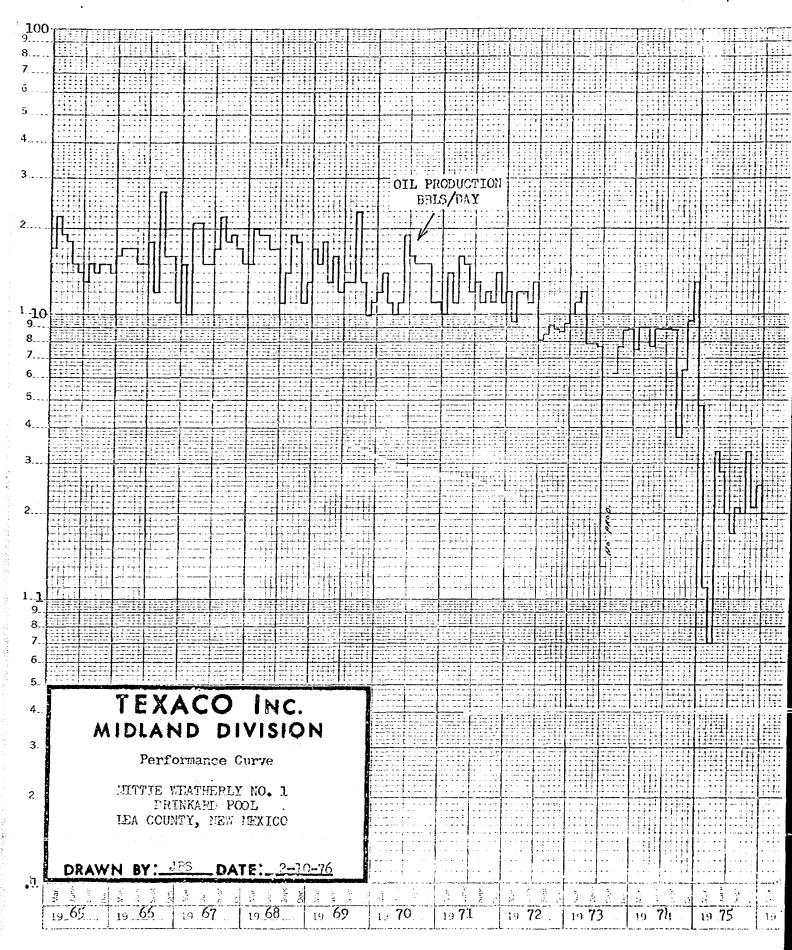
Sohio Petroleum Co. P. O. Box 3167 Midland, Texas 79701

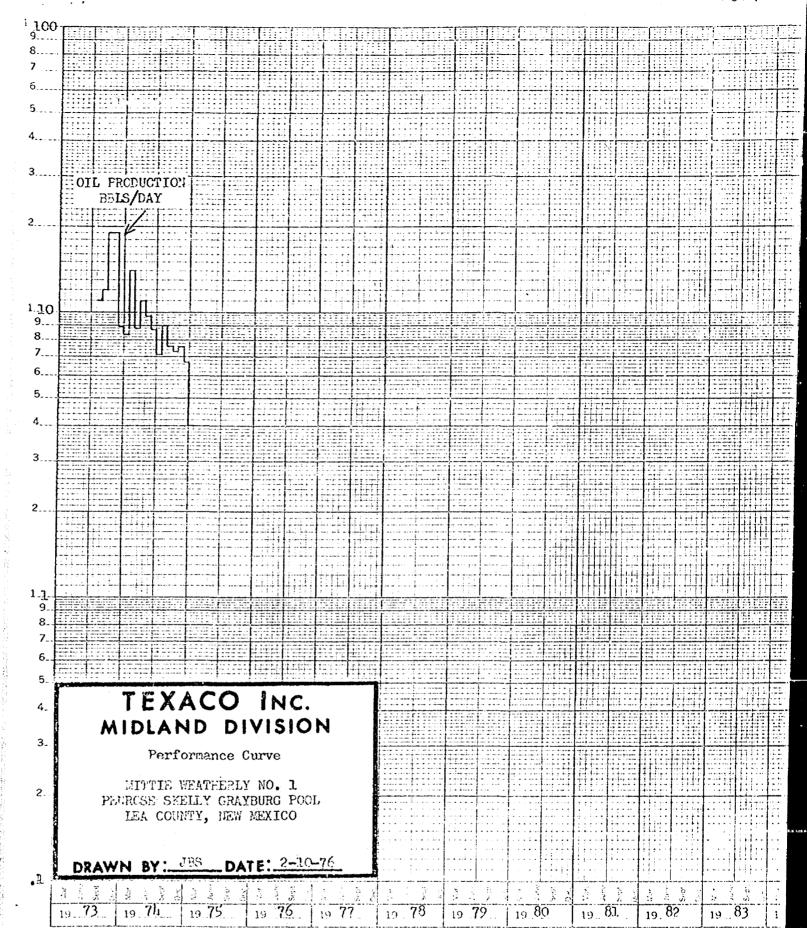
Continental Oil Co. P. O. Box 460 Hobbs, New Mexico 88240

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

Campbell & Hedrick P. O. Box 401 Midland, Texas 79701

131





		R	-37-E		• * *
Sohio	Sohio		Continental "B-1" 12 EO	10 • Dr	
EÓ "Alves" D.E.Price	"Alves" D.E.Price		"Howk" U.S.		
Gulf Sahio	Техос		Campbell 8 Hedrick I Sun Dr	Continental "A"	
D. E. Price	5 O PS	o PS	5 PS	O Dr T PS	
Sohio					
PS	A 2 PS B (DHC) EQ(Gos) T	Dr PS	3 PS	3 9 Dr	T
Alves"	Millie Weot	herly	·17		T 21
Guli "C" I PS	J. W. Peery J. W. Peery B(Gos) EQ(Gos) Continental	4 1 B PS EO(Gos)	2 9 Dr PS	Dr EQ(Gos)	21 S
H.T. Mottern, Tr.		<i>Ж.</i> Я	Y. Weatherly	"Lockhor1" U.S.	
Penrose	2 9 Dr	Sohio-PS	Gelly 4 0 Ps 2 0 8	5 Ps	
L.G.Worlick	"Lockhart" U.S.		P.O.Hardy Jas. G.Rondle		
- 1					I

LEGEND

B - BLINEBRY

Dr - DRINKARD

EQ- EUMONT QUEEN

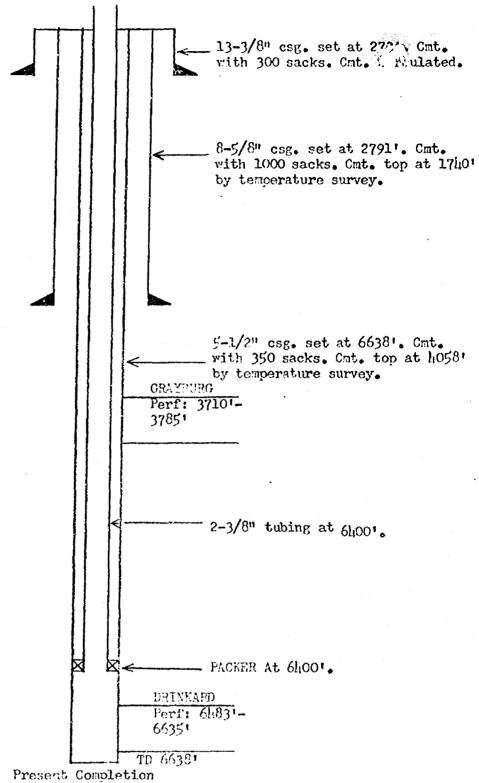
PS- PENROSE SKELLY GRAYBURG

T - TUBB

TEXACO Inc.
MITTIE WEATHERLY LEASE
SEC. 17 T-21-S R-37-E
LEA COUNTY, NEW MEXICO
Scale: 1" = 1,000"

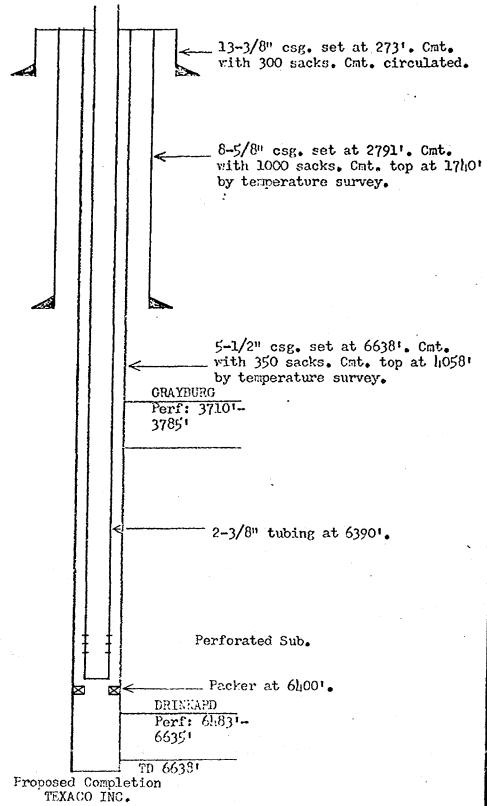
DATA SHEET FOR WELLBORE COMMINGLING

Lease and Well No: Hittie Me	atherly No. 1					
Location: Unit F	; 1980 Feet from t	he <u>North</u> Line and				
1980 Feet from	m <u>Hest</u> Line of Se	ction 17 ;				
Township 21-S	, Range <u>37-E</u>	; <u>Lea</u> County.				
WELL DATA						
	Upper Pool	Lower Pool				
Name of Pool	Penrose Skelly Grayburg	Drinkard				
Producing Method	Pump (Shut-In)	Flow				
ВНР	610 (Est.)	771				
Type Crude	Sour	Sweet				
Gravity	34.2	37.4				
GOR Limit	10,000	6,000				
Completion Interval	3710'-3785'	6483'-6635'				
Current Test Date	January, 1975	2-3-76				
Oil	4	2				
Water	0]				
GOR	5100	8800				
Selling Price of Crude-\$/85L.	Shut-In	12.75				
Daily Income - \$/Day		25.50				
COMMINGLED DATA:						
Gravity of Commingled Crude						
Selling Price of Commingled Cru	de - \$/88L. 12.29					
Daily Income - \$/Day172.06						



Present Completion
TEXACO INC.
MITTIE WEATHERLY NO. 1
PENROSE SKELLY GRAYBURG & DRINKARD POOLS
LEA COUNTY, NEW MEXICO

JBS 2-10-76



TEXACO INC.

MITTE WEATHERLY NO. 1

PENROSE SKELLY GRAYBURG & DRINKARD POOLS

IEA COUNTY, NEW MEXICO

JRS 2-10-76

PHONE 393-3813

HO335, HEW MEXICO 83240

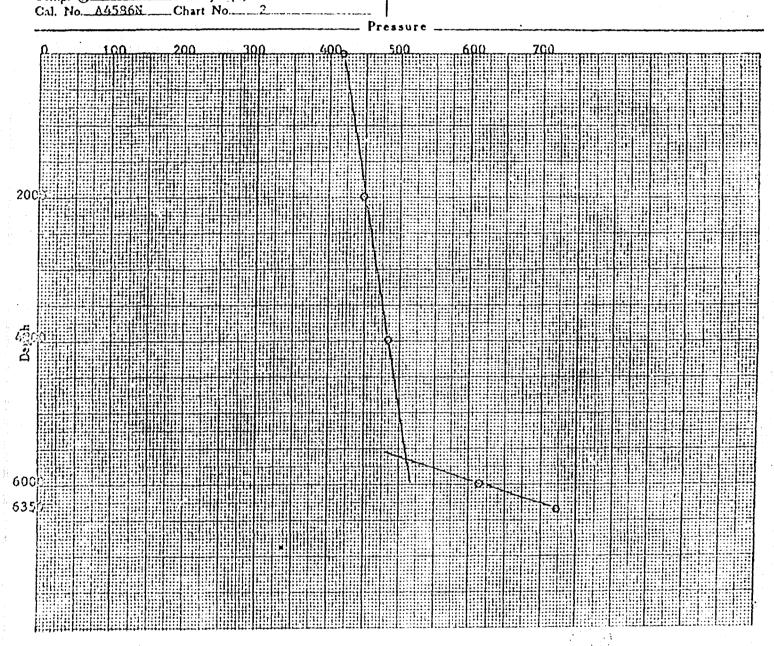
BOTTOM HOLE PRESSURE RECORD

OPERATOR Texaco Inc.	I	
FIELD Drinkard FORMATION Drinkard	Depth	Pr
LEASE Mittie Weatherly WELL No. 1	0	1
COUNTY Lea STATE New Mexico	2000	1
DATE 4-3-75 TIME 2:30 Pm	4000	4
Status Shut in Test depth 6350'	6000	. 6
Time S. 1.24.0 llrs Last test date -	6350	7
Tub Pres 418 BHP last test -	6513(-3020)	7
Cas. Pres BHP change		
Elev 3493 KB-13 Fluid top 56681	* Extrapolat	ed Pr
Datum (-3020) ** Water top None	** Hidloint o	
Temp. @ 111 F Run by Research		

Depth		Pressure	Gradient
0		418	-
2000		449	.C16
4000		492	.017
6000	•	613	.066
6350		721	.309
6513(~3020)		771# **	(,309)

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sing Perforations



NEW MEXICO OIL CONSERVATION COMMISSION GAS - OIL RATIO TESTS

C-115 Revised 1-1-65

Operator			Po	01						Co	unly				· 	
Texaco Inc.	Drinkard				Lea											
P. O. Box 728 - Hobb	Hobbs, New Mexico 88240		T'Y TE	/ P 5 S T	of - (X)	Sch	reduled []	Completion				Fpc	Special [X			
1.5055.11045	WELL		LOC	ATION		DATEOF	52	CHC E	TEG.	DAILY ALLOW-	LENGTH OF			URING	, ,	GAS - OIL RATIO
LEASE NAME	NO.	U	s	Т	R	TEST	37.	SIZE	PRESS.	ABLE	TEST HOURS	WATER	GRAV.	OIL BELS.	GAS M.C.F.	CU.FT/BBL
Mittie Weatherly	-]	F	17	21 - S	37 - E	2-3-76	F	18/64	110	8	24	1	37.4	2	17.6	8800
_												÷.		-		
			-													
			·													

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

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the poel 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.

(Sichwic)
Assistant District Superintendent
(Title)

2-6-76

(Puc)

OFFSET OPERATORS

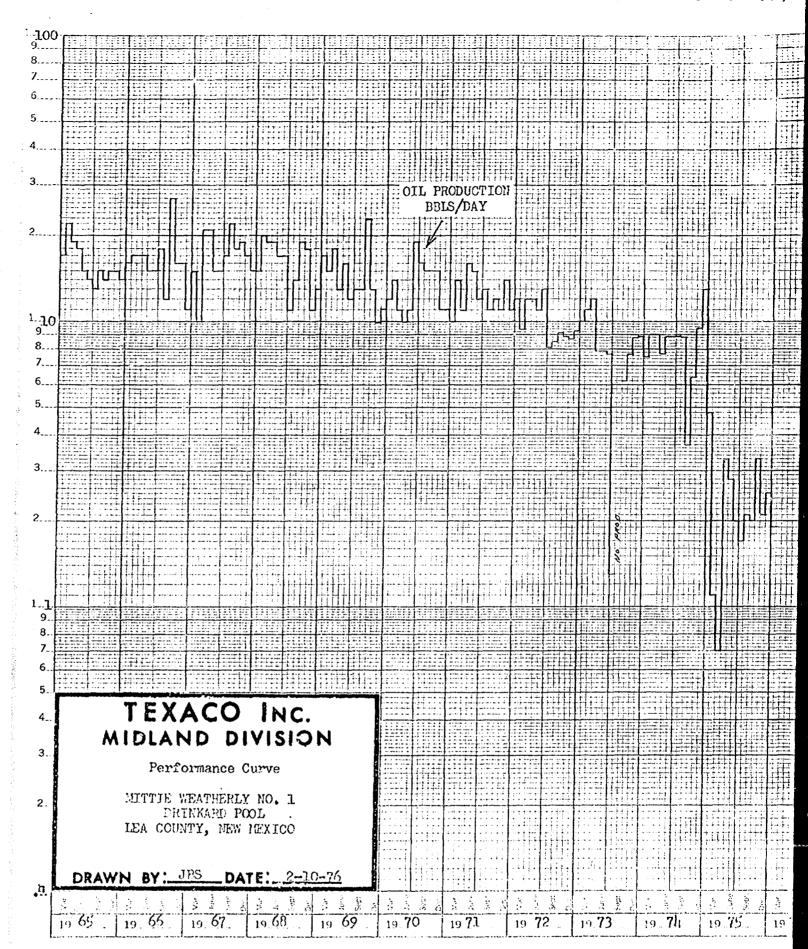
J. W. Peery P. O. Box 401 Hidland, Texas 79701

Sohio Petroleum Co. P. O. Box 3167 Hidland, Texas 79701

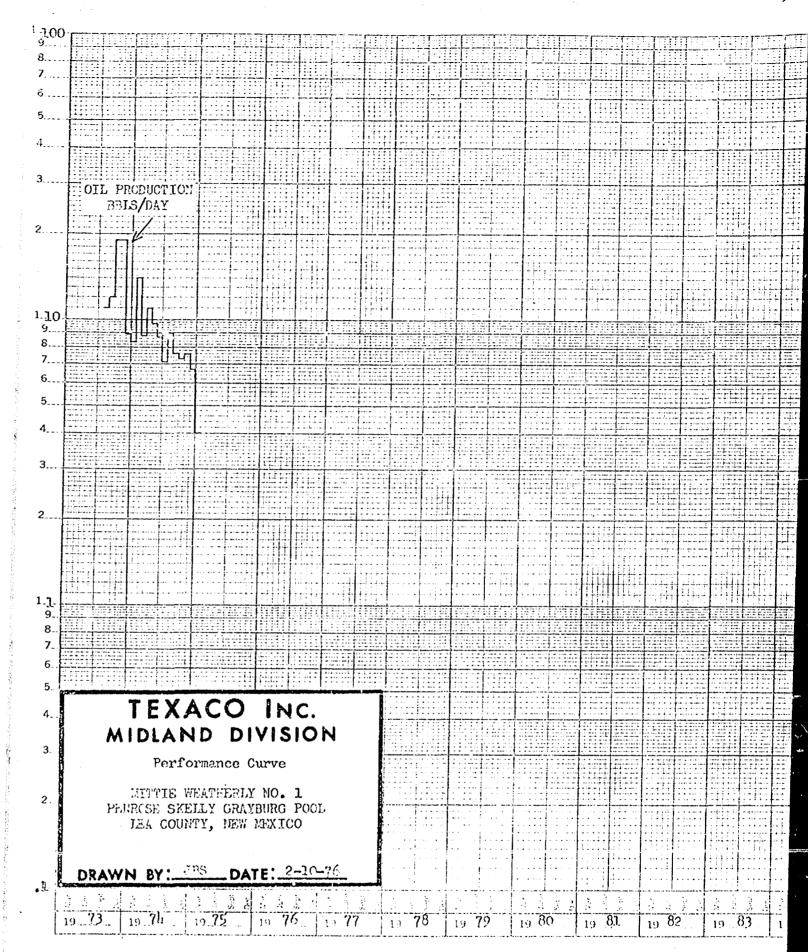
Continental Oil Co. P. O. Box 460 Hobbs, New Mexico 88240

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

Campbell & Hedrick P. O. Box 401 Hidland, Texas 79701



CONTRACTOR OF THE PROPERTY OF



BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

dr/

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

CASE NO. 5659
Order No. R- <u>5201</u>
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 March 31 ,
19 76, at Santa Fe, New Mexico, before Examiner Richard L. Stamets
NOW, on this day of April , 1976 , 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 the Mittie Weatherly Well No. 1 , located
in Unit F of Section 17, Township 21 South, Range
37 East , NMPM, Lea County, New Mexico.
(3) That the applicant seeks authority to commingle
rose Skelly Grayburg and Drinkard production
within the wellbore of the above-described well. (4) That from the Penrose Skelly (Grayburg) zone, the
subject well is capable of low marginal production only.
(5) That from the Drinkard zone, the
subject well is capable of low marginal production only.
(6) That the proposed commingling may result in the recovery
f additional hydrocarbons from each of the subject pools, thereby
reventing waste, and will not violate correlative rights

	Case No. R
	(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 well is not shut-in
	for an extended period.
	(8) That to afford the Commission 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 Commission any time the subject well is shut-in for
	7 consecutive days.
	(9) That in order to allocate the commingled production
	to each of the commingled zones in the subject well, 50 percentano
36	percent of the commingled of and fus production should be allocated
	to the Penrose Skelly (Grayburgone, and soperer Fand percent of the
-	commingled oiland gus production to the Drinkard
	zone.
	IT IS THEREFORE ORDERED:
	(1) That the applicant, Texaco Inc. , is
	hereby authorized to commingle Penrose Skelly (Grayburg) and
	Drinkard production within the wellbore
	of the Mittie Weatherly Well No. 1 , located in Unit F
	of Section 17, Township 21 South, Range 37
	East , NMPM, Lea County, New Mexico.
	(2) That so percent and 36 percent of the commingled Orland so s
	production/shall be allocated to the Penrose Skelly(Grayburg)
	zone and 5 operces of the commingled percent of the commingled percent of the commingled production/shall be allocated to the Drinkard
an d	g. 5 production/shall be allocated to the Drinkard
	zone.
	(3) That the operator of the subject well shall immediately
	notify the Commission's <u>Hobbs</u> district office any time the well
	has been shut-in for 7 consecutive days and shall concurrently
	present, to the Commission, a plan for remedial action.
	(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

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