CASE 4697: Application of TEXACO FOR A DUAL COMPLETION, LEA COUNTY, NEW MEXICO.

Case Number 4697

Application

Trascripts

Small Exhibits

ETC.

BUFORD THE NEW MEXICO OIL CONSERVATION COMMISSION CONFERENCE ROOM, STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO May 5, 1972 EXAMINER HEARING IN THE MATTER OF: 7 Application of Texaco, Inc. for 8 a dual completion, Lea County, CASE NO. 4697 New Mexico. 9 10 BEFORE: Elvis A. Utz 11 Examiner 12 200 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243.6601 • ALBUQUERQUE. NEW MEXICO 87109 Pirst national bank bldg. East • Albuquerque, new mexico 87108 13 14 15 16 17 18 19 20 21 TRANSCRIPT OF HEARING 22 23 24

DECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

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MR. UTZ: Case 4697.

MP. HATCH: Application of Texaco, Inc. for a dual completion, Lea County, New Mexico.

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

MR. UTZ: Any other appearances?

(No response.)

CURTIS COOK,

was called as a witness and, after being duly sworn, testified as follows:

DIRECT EXAMINATION

BY MR. KELLY:

- Q Would you state your name, by whom you are employed, and your position?
- A Curtis Cook, Production Engineer for Texaco, Inc., 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 which has been marked as Applicant's
 Exhibit Number 1, would you briefly state what Texaco
 seeks by this Application?
- A Exhibit 1 is a plat of the area indicating the Texaco

 V. M. Henderson Well Number 9 and we seek permission to

 dually complete this well in the Paddock and Tubb zones.

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· l		belings of the the chief their decing this to has
5		cemented back to about 2,500 feet and was completed
6		in the Grayburg-Paddock zones.
7	Q	Was that the Paddock and Tubb zones?
8	Λ	Right. The Grayburg had been shut in.
9	Q ·	What is the present production from the two zones?
10	A	The Paddock zone is producing about ten barrels a day
11		and the Tubb zone is flowing seventeen barrels of oil
12	1/8	a day.
13	Q	Referring you to what has been marked Applicant's Exhibit
14	. ÷	Number 2, would you explain the installation Texaco
15		has for the well?
16	A	A string surface pipe three strings of 2 & 3/8 inch
17		casing cemented and centralized through all of the zones.
18	Q	Do you feel that the casing and cementing shown in
19		Exhibit 2 effectively reflect the separation of the
20		zones?
21	Λ	Yes.
22	Q	Exhibit Number 3 is a log of the well, would you point
23		out the various zones?
24	Α	The Penrose is indicated at about 3,700 feet and then
25		the Paddock at 5,150; the Tubb at 6,200 and then down

What is the history of this well and its present

The well was drilled in 1962 and there were three

strings of two and three inch casing run. It was

status?

209 SIMMS BLDG. 8 P.O. BOX 1092 8 PHONE 249-66918 ALBUQUERQUE, NEW MEXICO 87109 First national bank bldg. East-albuquerque, new mexico 87108

at 6,600 is the abandoned Drinker zone.

- Have you notified all of the operators of offset wells Q of this Application?
- Yes, we have. Α
- In your opinion, would the granting of this Application Q have any adverse affect on the correlative rights of the other operators?
- No. Α

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- Would the granting of this Application prevent waste? Ω
- It would enable us to produce the reserves in this area which otherwise would not be produced.
- Were Exhibits 1 through 3 prepared by you or under your supervision?
- Yes.

MR. KELLY: I move for the introduction of Texaco Exhibits 1 through 3.

MR. UTZ: Without objection, Exhibits 1 through 3 will be entered into the record.

> (Whereupon Texaco's Exhibits 1 through 3 were admitted in evidence.)

MR. UTZ: Any further questions? (No response.)

CROSS-EXAMINATION

BY MR. UTZ:

Is the well already completed?

dearnley-meier regert

	2		Paddock which has an allowable assigned.
	3	Q	So you have tested your cement job?
	4	Λ	Yes, we have 900 G.O.R. for the Paddock and 19,000
	5		on the Tubb which indicates separation without question.
	6		MR. UTZ: Any other questions of this witness?
	7		(No response.)
	8		MR. UTZ: If not, the witness may be excused.
	9		(Witness excused.)
	10	r.	MR. UTZ: Any statements?
	11		(No response.)
	12		MR. UTZ: Case 4697 will be taken under advisement.
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Yes, but it is shut-in in all zones except the

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

STATE OF NEW MEXICO 88 COUNTY OF BERNALTLLO

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

I do hereby contains that the foregoing to . Smallar

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PAGE

CURTIS COOK

WITNESS:

Direct Examination by Mr. Kelly 3

Cross-Examination by Mr. Utz

EXHIBITS

APPLICANT'S: (Texaco)	OFFERED	ADMITTED
Exhibit Number 1	3	5 ·
Exhibit Number 2	4	5
Exhibit Number 3	4	5

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SPECIALIZING IN: DAPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS 200 SIMMS BLDG. P.O. BOX #002 PHONE 24%-66910 ALBUQUERQUE. NEW MEXICO 87103 FIRST NATIONAL BANK BLDG. EAST-ALBUQUERQUE, NEW MEXICO 67108



OIL CONSERVATION COMMISSION

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

STATE GEGLÖGIST
A. L. PORTER, JR.
SECRETARY – DIRECTOR

GOVERNOR BRUCE KING

CHAIRMAN
LAND COMMISSIONER

ALEX J. ARMIJO

MEMBER

May 11, 1972

SECRETARY - DIRECTO

	Re: Case No. 4697
Mr. Booker Kelly White, Koch, Kelly & McCart	order No. R-4296
Attorneys at Law	Applicant:
Post Office Box 787 Santa Fe, New Mexico	Texaco Inc.
Dear Sir:	
	copies of the above-referenced entered in the subject case.
	Very truly yours,
	a. L. Vorter, Co.
	A. L. PORTER, Jr. Secretary-Director
ALP/ir	
Copy of order also sent to	• · · · · · · · · · · · · · · · · · · ·
Hobbs OCC x Artesia OCC	
Aztec OCC	
Other	

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

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

> CASE NO. 4697 Order No. R-4296

APPLICATION OF TEXACO INC. FOR A DUAL COMPLETION, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on May 5, 1972, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this <u>llth</u> day of May, 1972, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Texaco Inc., seeks authority to complete its V. M. Henderson Well No. 9, located in Unit G of Section 30, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, as a dual completion (tubingless) to produce oil from the Paddock and Tubb Pools through parallel strings of 2 3/8-inch casing, cemented in a common well-bore.
- (3) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.
- (4) That approval of the subject application will prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Texaco Inc. is hereby authorized to complete its V. M. Henderson Well No. 9, located in Unit G of Section 30, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, as a dual completion (tubingless) to produce oil from the Paddock and Tubb Pools through parallel strings of 2 3/8-inch casing, cemented in a common well-bore.

-2-CASE NO. 4697 Order No. R-4296

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

PROVIDED FURTHER, that the applicant shall take zone segregation tests upon the dual completion of the subject well.

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

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

BRUCE KING, Chairman

ALEX J. ARMIJO, Member

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

SEAL

DOCKET: EXAMINER HEARING - FRIDAY - MAY 5, 1972

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

The following cases will be heard before Elvis A. Utz, Examiner, or Richard L. Stamets, Alternate Examiner:

CASE 4689: (Continued from the April 5, 1972, Examiner Hearing)

Application of Petroleum Corporation of Texas for an exception to Order No. R-3221, as amended, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-3221, as amended, to dispose into unlined surface pits water produced by its Dexter Federal Well No. 15 located in Unit J of Section 15, and all of its wells located or to be located in the NW/4 of Section 20, Township 17 South, Range 30 East, Grayburg-Jackson Pool, Eddy County, New Mexico.

CASE 4697:

Application of Texaco Inc. for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (tubingless) of its V. M. Henderson Well No. 9 located in Unit G of Section 30, Township 21 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Paddock and Tubb Pools through parallel strings of casing, cemented in a common well-bore.

CASE 4698:

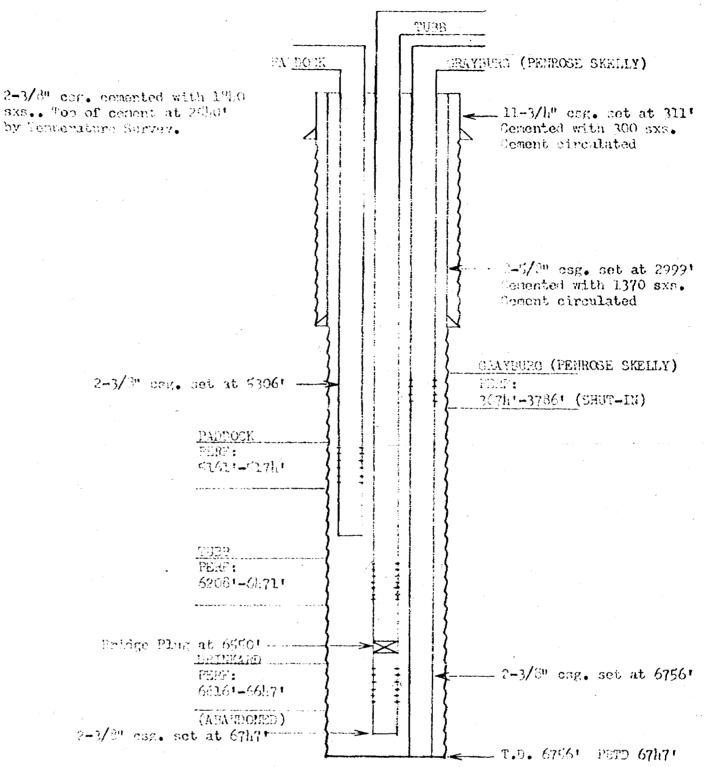
Application of David Fasken for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of his Arco "9" Morrison Well No. 1 located in Unit B of Section 9, Township 19 South, Range 25 East, Eddy County, New Mexico, in such a manner as to produce gas from an undesignated Cisco gas pool through tubing and gas from the Boyd-Morrow Gas Pool through the casing-tubing annulus.

CASE 4711:

Application of Shell Oil Company for commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle North Vacuum Abo production from its State VB Com Well No. 1 located in Unit B of Section 19, Township 17 South, Range 35 East, Lea County, New Mexico, and from its State K Lease commissing the SE/4 of said Section 19 after separately metering the State VB Com production and determining the State K production by means of the subtraction method.

CASE 4699:

Application of Penasco Corporation for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Penasco Shugart Queen Sand Unit Area comprising 520 acres, more or less, of Federal and State lands in Sections 8, 9, 16, and 17, Township 18 South, Range 31 East, Shugart Pool, Eddy County, New Mexico.



DIAGRACUATIC SKSTCH-TRIFFL TUBTECHESS CONFIGURATION TEXACO INC.

V.M. HEMEERSON WELL NO. 9

GRAYBURG (PENROSE SKELLY), PADDOCK AND TUBS POOLS LEA COUNTY, WEN MEXICO

Care 4697

TEXACOMMAND MAR 3 0 1972 INC.

PETROLEUM PRODUCTS

ONSERVATION COMES

DRAWER 728

HOBBS, NEW MEXICO 88240

March 14, 1972

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

Roseired to advertise to late to advertise 5,1972 for son 5,1972 Request for Examiner Hearing Application for Multiple Completion V. M. Henderson No. 9

Paddock Field Tubb Field Lea County, New Mexico

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

Gentlemen:

April 5, 1972 to consider Texaco's application to dually complete the V. M. Henderson No. 9. Attached for your information is a Form C-107 with pertinent well data, a plat of the area, and a schematic diagram of equipment in the subject well.

All offset operators are being notified of the requested hearing by copy of this letter. Your cooperation in this matter will be appreciated.

Yours very truly,

District Superintendent

CPC-BH

CC: MAS, Jr.

NMOCC - Hobbs

All Offset Operators

DOCKET WARED

OFFSET OPERATORS

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

J. H. Moore 314 Gulf Bldg. Midland, Texas 79701

Atlantic Richfield Company P.O. Box 1610 Midland, Texas 79701

Mobil Oil Company P. O. Box 663 Midland, Texas 79701

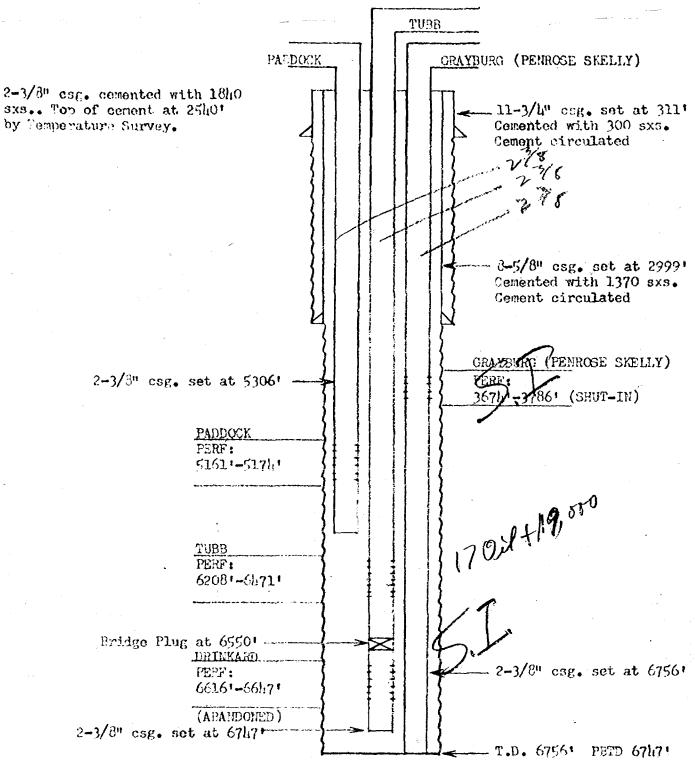
J. W. Peery P.O. Box 401 Midland, Texas 79701

Amoco Production Co. P.O. Box 68 Hobbs, New Mexico 88240 Attn: Mr. V. E. Staley

NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE. NEW MEXICO APPLICATION FOR MULTIPLE COMPLETION

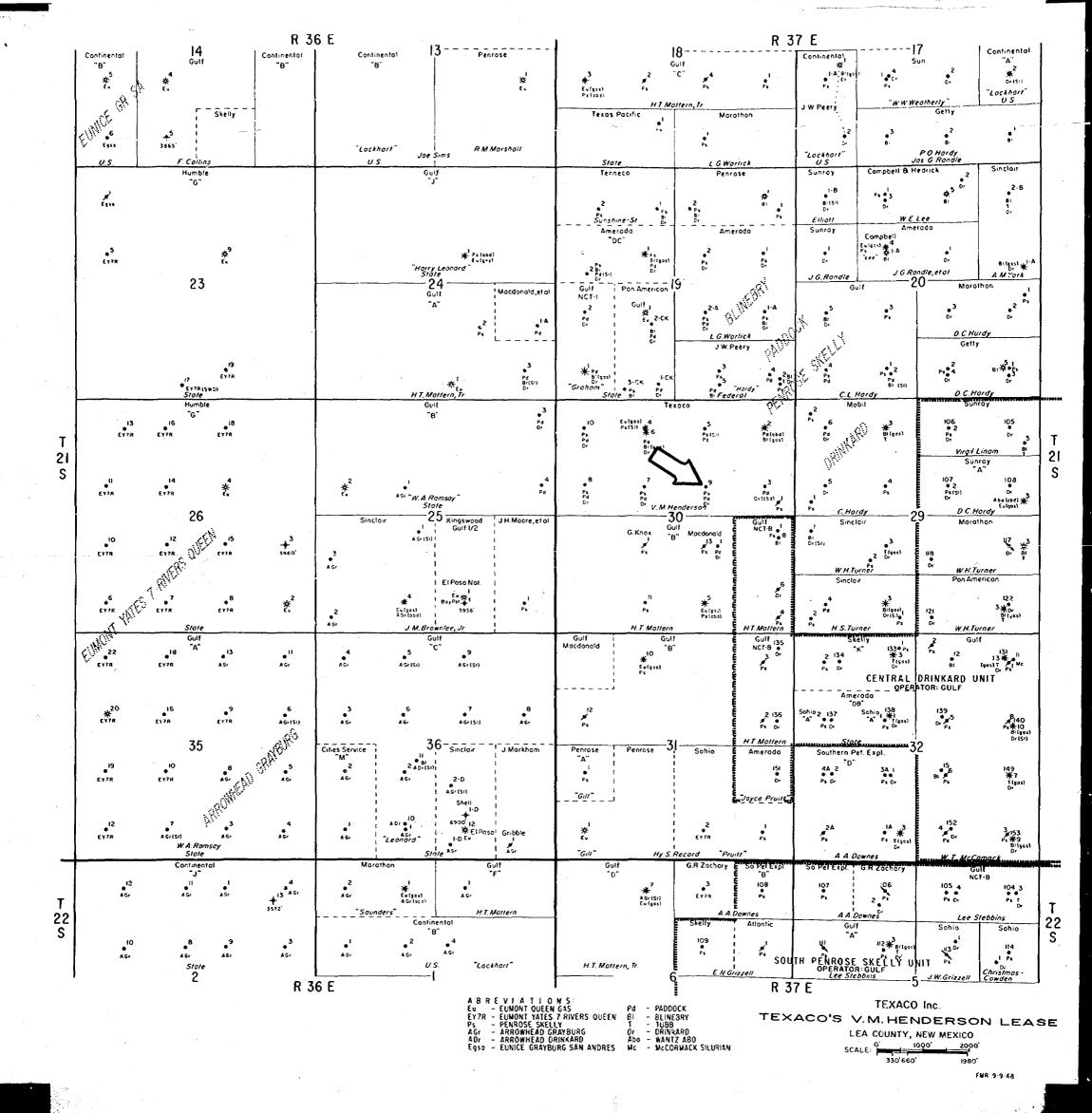
P.O.	Box 728 - 1		Mexico 88240		Henderson	9	
Location of Well		Sect		Township		Range	
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	op and Bottom of	f					
	Pay Section	·	5161'-5174'				6208'-6471'
c. T	(Perforations) ype of production	n (Oil or Gas)	011				a de la companya de l
	ethod of Product		<u> </u>		· · · · · · · · · · · · · · · · · · ·		Flowing
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4. The	following are att	ached. (Please o	check YES or NO)				
Yes	a. Diagi	and/or turbolize	rs and location thereof	, quantities	used and top of ceme	nt, perforated	meters and setting depths, central- intervals, tubing strings, including er information as may be pertinent.
X			ition of all wells on ap ses offsetting applican		ise, all offset wells	on offset lea	ses, and the names and addresses
X	c. Waive	ers consenting to have been furnis	such multiple comple hed copies of the appl	tion from eac	ch offset operator, or	in lieu therec	of, evidence that said offset opera-
k 🗌	d. Elect	rical log of the	well or other acceptab	le log with t	ops and bottoms of p	oroducing zon	es and intervals of perforation in- mitted as provided by Rule 112-A.)
5. List			on which this well is l				
Gulf	Oil Corp.,	P.O. Box 6	70, Hobbs, New N	<u>Mexico</u> 8	8240		
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<u>U. 11.</u>	Moore, Jr	4 duli biug	., mulanu, lexe	<u>as / 2/01</u>			
<u>Atlar</u>	tic Richfie	eld Company	, P.O. Box 1610	- Midlan	d, Texas 7970)1	
Mobil	Oil Compa	nv.P.O. Bo	x 663, Midland,	Texas 7	9701		
110011	OTT COMPA	1193 1 101 100	A OUD ; III O I O III O	1CAUS /	<i>J</i> 1.91		
J. W.	Peery, P.	0. Box 401	<u>- Midland, Texas</u>	s 79701			
Amooo	Duoduotio	n Campanu i	P.O. Box 68 - Ho	abba Nau	. Mavica 002/10	\$·	
							NO If answer is yes, give
			ch 13, 1972	·	or time application,	120	. It amount to year, give
					_		
CER	TIFICATE: I, t		state that I am the Ass				
under m	y supervision an	(co	ompany), and that I am hat the facts stated the	authorized berein are true	y said company to ma , correct and complete	ke this repor e to the best	t; and that this report was prepared of my knowledge.
**Logs	have been	previously					
	well.	e Commissio	n ior				·
OII I S	, 410-11-8			J.	G. Blevins, Úr	Signate	re
sion wi	ill hold the appl	ication for a peri	s not accompany an app iod of twenty (20) days earing is received by th	olication for from date of	administrative approv	val, the New nission's San	Mexico Oil Conservation Commis- ta Fe office. If, after said twenty- processed.
NOTE:	If the proposed the producing z	multiple complet ones, then separ	ion will result in an un ate application for app	northodox wel proval of the	ll location and/or a s same should be filed	non-standard simultaneou	proration unit in One or more of sly with this application.

Can 4697



DIAGRAMMATIC SKETCH-TRIPLE TUBINGLESS COMPLETION
TEXACO INC.
V.M. HENDERSON WELL NO. 9

GRAYBURG (PENROSE SKELLY), PADDOCK AND TUBB POOLS LEA GOUNTY, NEW MEXICO



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. 4697 Order No. R-4296 APPLICATION OF TEXACO INC. FOR A DUAL COMPLETION, COUNTY, NEW MEXICO. ORDER OF THE COMMISSION BY THE COMMISSION: This cause came on for hearing at 9 o'clock a.m. on May 5, 1962, at Santa Fe, New Mexico, before Examiner Elvis A. Utz. NOW, on this ____day of _May ___, 1902, 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. That the applicant, ____ Texaco Inc. seeks authority to complete its V. M. Henderson Well No. $\frac{9}{}$, located in Unit $\frac{G}{}$ of Section $\frac{30}{}$, Township 21 South, Range 37 East, NMPM, Lea County, New West (conventional) Mexico, as a dual completion (combination) to produce gask (tubingless) from the Paddock and Tubb Pool^S through parallel strings of casing, cemented in a common well-bore.

	(3)	That	the	mechan	ics o	f the	proposed	<u>dı</u>	ual	completion
										4
are	feasib:	le and	d in	accord	with	good	conservat	tion	practio	ces.

	(4)	That	approval	of	the	subject	application	will	prevent
waste	and	protec	et correla	ativ	ze ri	iahts.			

IT IS THEREFORE ORDERED:

(1)	That the applicant, Texaco Inc.
is hereby	authorized to complete its V. M. Henderson
Well No.	9 located in Unit G of Section 30 Township
21 Sou	th, Range 37 East, NMPM, Lea County, New
	(conventions) oil s a <u>dual</u> completion (combinations) to produce gas: (tubingless)
2	Paddock and Tubb Pools through parallel strings casing, cemented in a common well-bore.
н	
PRO	VIDED HOWEVER, that the applicant shall complete, operate

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule ll2-A of the Commission Rules and Regulations insofar as said rule is not inconsistent with this order;

zone segregation

PROVIDED FURTHER, that the applicant shall take packer-leakagethe dual Completion, of the subject well.

tests upon completion, and annually thereafter during the Annual
Cas-Oll Ratio Test Period for the Paddeck and Tubh

Beliverability

(2) 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.

CASE 4698: Application of DAVID FASKEN FOR A DUAL COMPLETION, EDDY COUNTY, NEW MEXICO.