

Case #

7463

NEW MEXICO OIL CONSERVATION COMMISSION

EXAMINER HEARING

SANTA FE, NEW MEXICO

Hearing Date

JANUARY 20, 1982

Time: 9:00 A.M.

NAME	REPRESENTING	LOCATION
Jeff Edmister	NM OCD	Aztec
H. L. Bass Kendrick	El Paso Natural Gas Co.	El Paso
J. M. W. BLIVER	TEXACO INC	MIDLAND TX
Conoco	Humble Oil Refining	Midland, TX
George M. Koss	SUPERIOR OIL	MIDLAND, TX.
James C. Allen	Amoco Production Co.	Houston, TX
Ken Bahaman	White Koch Kelly & McEnty, P.A.	Santa Fe, N.M.
C. A. MOTE	Amoco Prod Co.	HOUSTON, TX
Gary Stephens	USGS	Albuquerque N.M.
Bob Huber	Byram	Santa Fe
Mark R. Riggle	Exxon	Albuquerque, N.M.
Hugh Ingram	Conoco	Hobbs
Jerry Hoover	Conoco	Hobbs
JIM LAW	NEW MEXICO STATE LITIG OFFICE	SANTA FE
William L. Davis	Campbell, Egan & Haddock, P.A.	Santa Fe

NEW MEXICO OIL CONSERVATION COMMISSION

EXAMINER HEARING

SANTA FE, NEW MEXICO

Hearing Date

JANUARY 20, 1982

Time: 9:00 A.M.

NAME	REPRESENTING	LOCATION
Paul C. Thompson	Northwest Petroleum	FARMINGTON
Kate Michael	Northwest Petroleum	Dorsey
DANIEL C. RENOULT	ENSERCH EXPLORATION, INC.	MIDLAND
Jeanne Seeger	Enserch Exploration, Inc.	Midland
W. V. Kelblin	Kelblin Kelblin	Santa Fe
THOMAS E. BROWN	ENSERCH EXPLORATION INC	MIDLAND, TX.
STEPHEN CAMPBELL	ENSERCH EXPLORATION INC	DALLAS, TX.
J. E. THOMSON ATTY	RED MTN	SANTA FE, N.M.
Darrell Shu He	Enserch Explor. Inc	Midland, TX
Mohamed Zenaki	Red Mountain	Santa Fe
Ray Johnson	OCD	

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
STATE LAND OFFICE BLDG.
SANTA FE, NEW MEXICO
20 January 1982

EXAMINER HEARING

IN THE MATTER OF:

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

CASE
7463

BEFORE: Richard L. Stamets

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation
Division:

W. Perry Pearce, Esq.
Legal Counsel to the Division
State Land Office Bldg.
Santa Fe, New Mexico 87501

For the Applicant:

Ken Bateman, Esq.
WHITE, KOCH, KELLY, & MCCARTHY
220 Otero Street
Santa Fe, New Mexico 87501

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I N D E X

JEFF WOLIVER

Direct Examination by Mr. Bateman

3

E X H I B I T S

Applicant Exhibit One, Application

5

Applicant Exhibit Two, Plat

5

Applicant Exhibit Three, Map

6

Applicant Exhibit Four, Diagrammatic Sketch

6

Applicant Exhibit Five, Log

7

1
2 MR. STAMETS: And we'll call next Case
3 7463.

4 MR. PEARCE: Application of Texaco, Inc.,
5 for a dual completion, Lea County, New Mexico.

6 MR. BATEMAN: Mr. Examiner, I'm Ken
7 Bateman of White, Koch, Kelly, and McCarthy, representing the
8 applicant, and I have one witness.

9
10 (Witness sworn.)

11
12 JEFF WOLIVER

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

15
16 DIRECT EXAMINATION

17 BY MR. BATEMAN:

18 Q Would you state your full name, place
19 of residence, and employment for the record?

20 A Yes. My name is Jeffrey Michael Woliver.
21 I live in Midland, Texas, and I work for Texaco, Incorporated.

22 Q Have you previously testified before
23 the Commission?

24 A No, I haven't.

25 Q Would you briefly state your education-

1
2 al and work experience, please?

3 A Yes. I graduated in June of 1978 from
4 Virginia Polytechnic Institute, State University, with a BS
5 degree in civil engineering.

6 Upon graduation I went to work for
7 Texaco as a petroleum engineer. In my three and a half years
8 with Texaco I have been a Field Engineer, a Reservoir Engineer,
9 a Lead Reservoir Engineer, and this past October I was pro-
10 moted to my current position of Division Operation Engineer
11 for Texaco's Midland Division.

12 Q Mr. Woliver, in the course of your em-
13 ployment are you familiar with the well which is the subject
14 of today's application?

15 A Yes, I am.

16 MR. BATEMAN: I offer Mr. Woliver as
17 an expert.

18 MR. STAMETS: The witness is considered
19 qualified.

20 Q Mr. Woliver, would you state briefly
21 what Texaco desires by its application today?

22 A Texaco is seeking the approval from the
23 Division for the dual completion of C. H. Weir "A" Well No.
24 12, located in Unit G of Section 12, Township 20 South,
25 Range 37 East, Lea County, New Mexico.

1
2 This dual completion will allow us to
3 produce from the Skaggs-Drinkard and the undesignated Abo
4 Pool.

5 Q Would you proceed, then, with what's
6 been marked Exhibit One?

7 A Yes, sir. Exhibit One is the applica-
8 tion for multiple completion, Form C-107. It shows the sub-
9 ject well being the C. H. Weir "A" Well No. 12, and its
10 location.

11 The New Mexico Oil Conservation Division
12 has not previously authorized the multiple completion of
13 these two pools.

14 It shows that the upper zone, being the
15 Skaggs-Drinkard was perforated from an interval of 6634 feet
16 to 6894 feet. The type of production is oil and the method
17 of production will be flowing.

18 The lower zone, the Undesignated Abo,
19 was perforated from 7049 feet to 7286 feet. It again is an
20 oil reservoir and the method of production will be flowing.

21 Q Would you proceed with Exhibit Number
22 Two?

23 A Exhibit Number Two is a map prepared
24 by Midland Map Company of Midland, Texas, which is up to
25 date to January 18th, 1982. It shows the subject lease being

highlighted in yellow and the subject well with the little green dot.

Q I understand that there is no other Abo production in the immediate area, is that correct?

A That is correct.

Q But this map indicates that there are other multiple completions in the other zones, is that correct?

A Yes, sir.

Q Proceed then with Exhibit Number Three.

A Exhibit Number Three is a map showing the -- again showing the subject lease and the subject well, and the subject lease. It also shows the formations of which each well in the area is completed. In the lower left-hand part of the exhibit there is a legend as to which formations each well is open in.

Q How do you propose to complete the well?

A Exhibit Four is the -- a diagrammatic sketch of the proposed completion. It shows that 13-3/8ths inch surface casing was set at 1452 feet and is cemented with 1500 sacks of cement and the cement was circulated to surface.

An intermediate string was set, 9-5/8ths inch was set at 4000 feet. The first stage of the cement

1
2 job consisted of 370 sacks. The second stage was 1000 sacks.
3 A temperature survey was run and it determined that the top
4 of the cement was at 1750 feet, so therefor Texaco squeezed
5 the 13-3/8ths and 9-5/8ths inch annulus with 700 sacks.

6 It shows the production string to be
7 7-inch in size. It was set at 7700 feet, which is the TD
8 of the well. The first stage of the cement job consisted of
9 570 sacks. A temperature survey was run and the top of cement
10 was determined to be approximately 4650 feet. We perforated
11 that interval and cemented through that perforation, through
12 those perforations, with 875 sacks and cement circulated to
13 the surface.

14 This diagram also shows that a Baker
15 Model A-5 Dual Packer will be set at approximately 6550
16 feet, which is above the Skaggs-Drinkard, the top of the
17 Skaggs-Drinkard.

18 Another packer will be set, a Baker
19 Model D Packer, will be set at approximately 7000 feet,
20 which will be between the two -- the two pools, the Skaggs-
21 Drinkard and the Abo, Undesignated Abo.

22 Q And Exhibit Five is a log of the well,
23 is that correct?

24 A Yes, sir. Exhibit Five is a gamma ray
25 neutron density log of the subject well. It shows the top

1
2 of the Drinkard to be at approximately 6595 feet. It shows
3 the top of the Abo to be at approximately 6895 feet. And as
4 can be seen by the two perforated intervals there, there is
5 approximately 154 feet of separation between the two pools,
6 perforated intervals.

7 Q Mr. Woliver, were Exhibits One through
8 Five prepared by you or under your direction?

9 A Yes, sir.

10 Q And in your opinion will the approval
11 of this application prevent waste and protect correlative
12 rights, and be in the best interests of conservation?

13 A Yes.

14 MR. BATEMAN: I have nothing further.

15 MR. STAMETS: Are there any questions
16 of the witness? He may be excused.

17 Anything further in this case?

18 MR. BATEMAN: Nothing further.

19 MR. STAMETS: The case will be taken
20 under advisement.

21
22 (Hearing concluded.)
23
24
25

C E R T I F I C A T E

I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY that
the foregoing Transcript of Hearing before the Oil Conserva-
tion Division was reported by me; that the said transcript
is a full, true, and correct record of the hearing, prepared
by me to the best of my ability.

Sally W. Boyd CSR

SALLY W. BOYD, C.S.R.

Rt. 1 Box 193-B
San Jose, New Mexico 87501
Phone (505) 455-7409

I do hereby certify that the foregoing is
a correct and true record of the proceedings in
the hearing and finding of Case No. 17463
record by me on 1-29 1982
Richard L. [Signature], Examiner
Oil Conservation Division



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

February 15, 1982

Mr. Ken Bateman
White, Koch, Kelly & McCarthy
P. O. Box 787
Santa Fe, New Mexico

Re: CASE NO. 7463
ORDER NO. R-6892

Applicant:

Texaco Inc.

Dear Sir:

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

Yours very truly,

JOE D. RAMEY
Director

JDR/fd

Copy of order also sent to:

Hobbs OCD	<u> x </u>
Artesia OCD	<u> x </u>
Aztec OCD	<u> </u>

Other

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

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

CASE NO. 7463
Order No. R-6992

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

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 o'clock a.m. on January 20, 1982, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 15th day of February, 1982, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

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

(2) That the applicant, Texaco Inc, seeks authority to complete its C. H. Weir "A" Well No. 12 located in Unit G of Section 12, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, as a dual completion, conventional, to produce oil from the Skaggs-Drinkard Pool and an undesignated Abo pool.

(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 C. H. Weir "A" Well No. 12 located in Unit G of Section 12, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, as a dual completion, (conventional) to produce oil from the Skaggs-Drinkard Pool and an undesignated Abo pool

-2-

Case No. 7463
Order No. R-6892

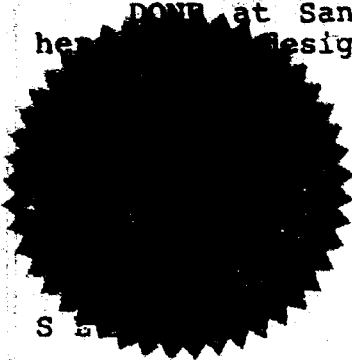
through parallel strings of tubing with separation of the zones to be achieved by means of a packer set at approximately 7,000 feet.

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

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

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

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



STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

Joe D. Ramey
JOE D. RAMEY
Director

DOCKET NO. 3-82
CASE NO. 7463
JANUARY 20, 1982
APPLICATION OF TEXACO INC.
FOR APPROVAL OF THE
DUAL COMPLETION OF ITS
C. H. WEIR "A" WELL NO. 12
LOCATED IN UNIT G OF SECTION 12,
T-20-S, R-37-E,
LEA COUNTY, NEW MEXICO
TO PRODUCE OIL FROM THE SKAGGS-DRINKARD
AND AN UNDESIGNATED ABO POOL.

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

Form C-107
5-1-61

Operator TEXACO Inc.		County Lea	Date January 11, 1982
Address P.O. Box 728, Hobbs, NM, 88241-0728		Lease C. H. Weir "A"	Well No. 12
Location of Well G	Unit 12	Township 20-S	Range 37-E

Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO **X**
If answer is yes, identify one such instance: Order No. _____; Operator Lease, and Well No.: _____

The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Skaggs Drinkard		Undesignated Abo
b. Top and Bottom of Pay Section (Perforations)	6634' - 6894'		7049' - 7286'
c. Type of production (Oil or Gas)	Oil		Oil
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

4. The following are attached. (Please check YES or NO)

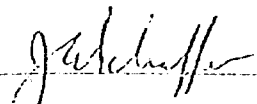
- | Yes | No | |
|-------------------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.* |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.) |

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Conoco, Inc., P. O. Box 460, Hobbs, New Mexico 88240	BEFORE EXAMINER STAMETS
	OIL CONSERVATION DIVISION
	EXHIBIT NO. 1
	CASE NO. 7463
	Submitted by Texaco
	Hearing Date 1-20-82

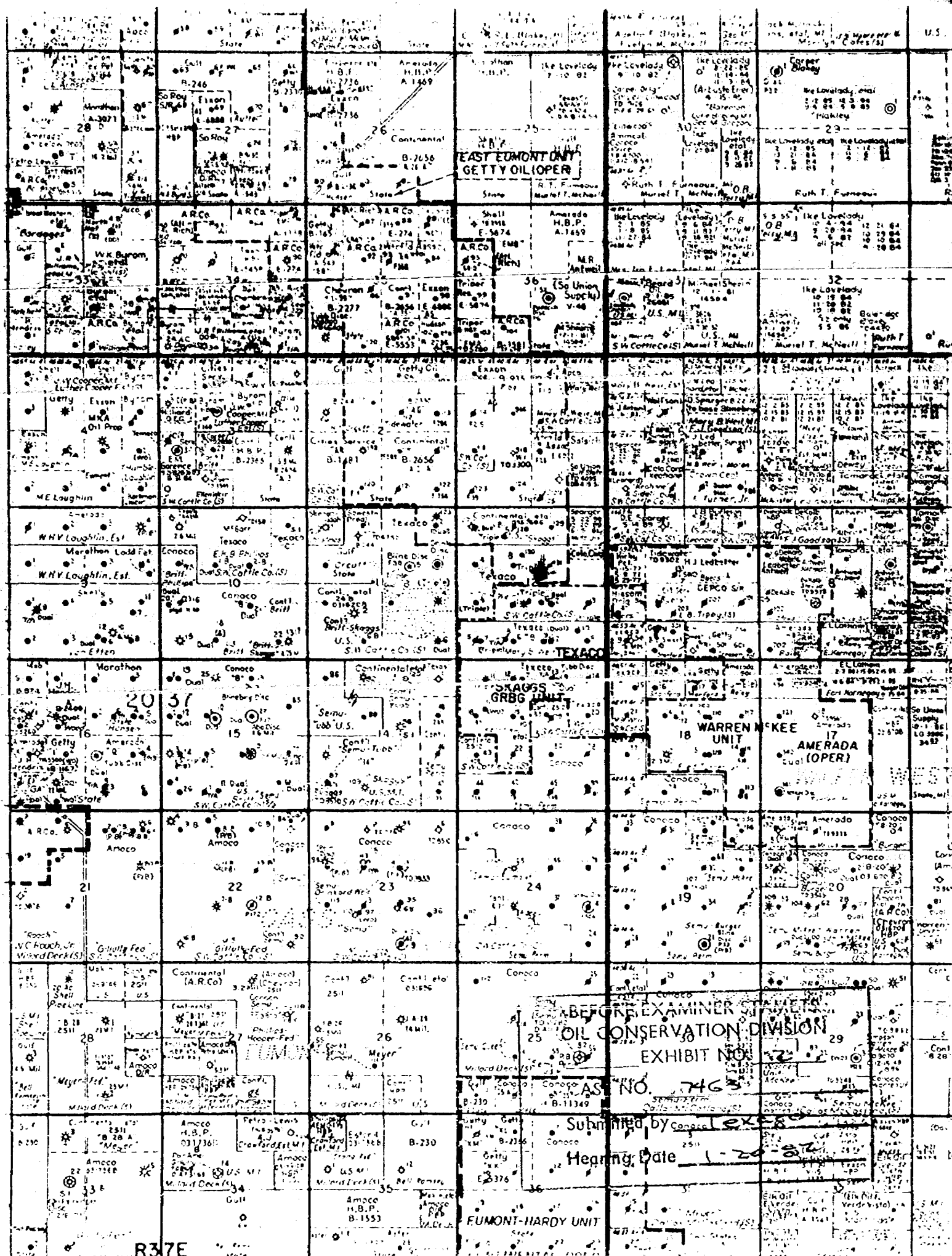
6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES **X** NO _____. If answer is yes, give date of such notification **January 11, 1982**.

CERTIFICATE: I, the undersigned, state that I am the **Agent** of the **TEXACO Inc.** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

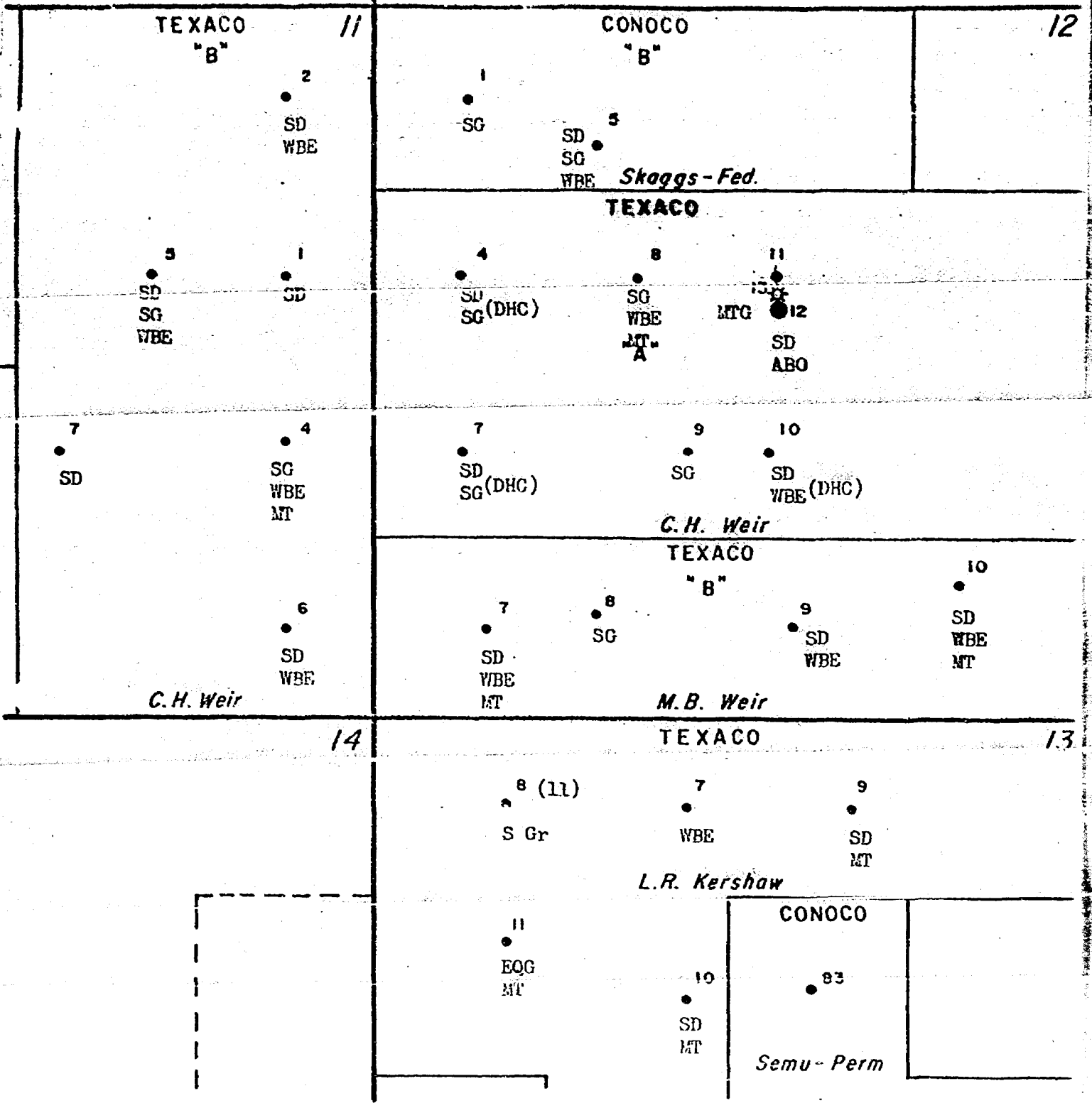

Signature **Asst. Dist. Mgr.**

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.



R-37 L



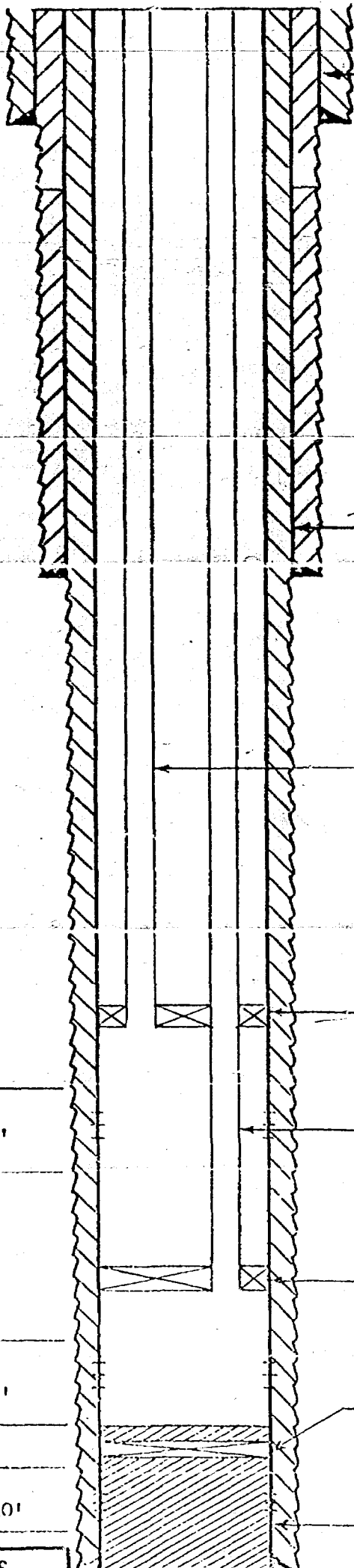
MT/MTG -- MONUMENT FUND (GAS)
 SD -- SKAGGS DRINKARD
 SG -- SKAGGS GLORIA
 WBE -- WEIR BLINDERY EAST
 S Gr -- SKAGGS GRAYBURG
 EQG -- EUMONT QUEEN GAS
 ABO -- ANDERSON, ABO

BEFORE EXAMINER STAMETS
 OIL CONSERVATION DIVISION
 EXHIBIT NO. 3
 CASE NO. 7463
 Submitted by Texaco
 Hearing Date 1-20-82

TEXACO Inc.

SKAGGS & WEIR FIELDS
 LEA COUNTY, NEW MEXICO

Drawn By: CRC Date: 12-10-79
 Scale: 0 1000' 2000'



13-3/8", 51.5#, K-55 csg.
set @ 1152' cmt'd w/1500
sxs. cmt.-cmt. circulated

9-5/8", 40# S-80 & 36#
K-55 csg. set @ 4000'.
DV tool @ 2910'. Cmt.
1st stage w/370 sxs (circ.)
Cmt. 2nd stage w/1000 sxs
Top of cmt. @ 1750'
Squeezed 13-3/8" - 9-5/8"
annulus with 700 sxs.

2-3/8", 4.6#, J-55 tbg.
set in Model A-5 Pkr @
6550'.

Baker Model A-5 Dual Packer
set @ 6550'.

SKAGGS DRINKARD

Perf:
6634' - 6894'

2-3/8", 4.6#, J-55 tbg. set
in Model D Pkr. @ 7000'.

UNDESIGNATED ABO

Perf:
7049' - 7286'

Baker Model D Packer set
@ 7000'.

UNDESIGNATED ABO

Perf:
7363' - 7610'

Set cmt. retainer @ 7330' &
Squeezed w/150 sxs. Spot
10' cmt. on top of retainer

ABO SQUEEZED 7363' - 7610'

7", 23#, K-55 csg. set @
7700' (TD). Centralizers
installed on every third
joint 6329' - 7660'.
Cmt. 1st stage w/570 sxs.
Perf'd @ 4650' & cmt'd
through perfs w/875 sxs.
Cmt. circulated.

BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION

EXHIBIT NO. 4

CASE NO. 7463

Submitted by Texaco

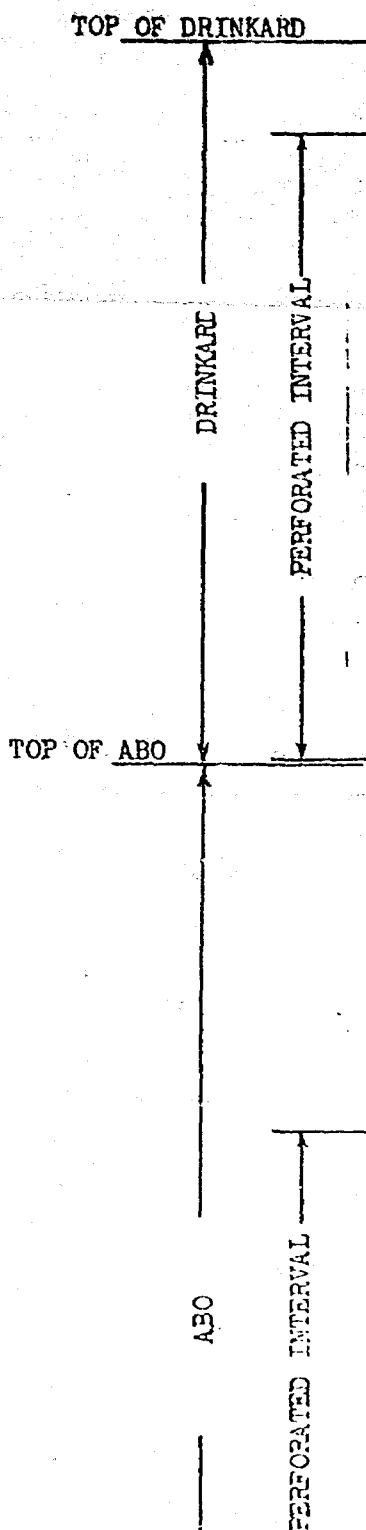
Hearing Date 1-20-82

PROPOSED COMPLETION

TEXACO Inc.
C.H. WEIR "A" NO. 12
SKAGGS DRINKARD
AND

UNDESIGNATED ABO FIELDS
LEA COUNTY, NEW MEXICO

JAH/CRC 1-11-82



08400 08500 08600 08700 08800 08900 7000 07100 07200 07300

NEUTRON POROSITY

BULK DENSITY

CALIPER

GAMMA RAY

BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION

EXHIBIT NO. 5

CASE NO. 7463

Submitted by Texaco

Hearing Date 1-20-82

TEXACO Inc.
C.H. WEIR "A" NO. 12
SKAGGS DRINKARD
AND

UNDESIGNATED ABO FIELDS

JAH/CRC 1-11-82

Dockets Nos. 4-82 and 5-82 are tentatively set for February 3 and February 17, 1982. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - JANUARY 20, 1982

9 A.M. - OIL CONSERVATION DIVISION 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:

ALLOWABLE: (1) Consideration of the allowable production of gas for February, 1982, from fifteen prorated pools in Lea, Eddy, and Chaves Counties, New Mexico.

(2) Consideration of the allowable production of gas for February, 1982, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.

CASE 7462: Application of Marathon Oil Company for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of the Drinkard and Blinebry production in the wellbore of its C. J. Saunders Well No. 3, located in Unit C of Section 1, Township 22 South, Range 36 East.

CASE 7463: Application of Texaco Inc. for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion of its C. H. Weir "A" Well No. 12 located in Unit G of Section 12, Township 20 South, Range 37 East, to produce oil from the Skaggs-Drinkard and an undesignated Abo pool.

CASE 7464: Application of Exxon Corporation for two unorthodox oil well locations, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for two unorthodox oil well locations in Section 4, Township 19 South, Range 35 East, Scharb-Bone Spring Pool, as follows: State DD Well No. 1 to be drilled in the center of the SE/4 SW/4 and State DD Well No. 3 to be drilled in the center of the NW/4 NE/4. Pool rules require wells to be drilled in the NE/4 or SW/4 of a quarter section.

CASE 7465: Application of Superior Oil Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a well to be drilled 1980 feet from the South line and 660 feet from the East line of Section 26, Township 24 South, Range 29 East, Wolfcamp-Pennsylvanian formations, the S/2 of said Section 26 to be dedicated to the well.

CASE 7466: Application of Conoco Inc. for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority for it and Southland Royalty Company to each institute a cooperative waterflood project in the Blinebry Oil and Gas Pool by the injection of water into the Blinebry formation through nine injection wells located on Conoco's Warren Unit and Hawk B-3 Leases and Southland's State Lease in Sections 33 and 34 of Township 20 South, Range 38 East, and Sections 2 and 3 of Township 21 South, Range 37 East.

CASE 7072: In the matter of Case No. 7072 being reopened on the motion of the Oil Conservation Division and pursuant to the provisions of Order No. R-6554 which order promulgated temporary special rules and regulations for the North Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico, including a provision for 80-acre spacing units. Operators in said pool may appear and show cause why said pool should not be developed on 40-acre proration units.

CASE 7460: (Continued from January 6, 1982, Examiner Hearing)

Application of Northwest Pipeline Corporation for 13 non-standard gas proration units, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for 13 non-standard Pictured Cliffs gas proration units ranging in size from 142.39 acres to 176.77 acres and each comprised of various contiguous lots or tracts in Sections 4, 5, 6, 7, and 18 of Township 31 North, Range 7 West. Said proration units result from corrections in the survey lines on the North and West sides of Township 31 North, Range 7 West and overlap seven non-standard Mesaverde proration units previously approved by Order No. R-1066.

EXAMINER HEARING - WEDNESDAY - JANUARY 20, 1982

CASE 7467: Application of Inexco Oil Company for pool creation, special pool rules, and a discovery allowable, Lea County, New Mexico. Applicant, in the above-styled cause, seeks creation of a new Strawn oil pool for its Lottie York Well No. 1 located in Unit P of Section 14, Township 17 South, Range 37 East, and the promulgation of special rules therefor, including a provision for 80-acre spacing. Applicant further seeks the assignment of 57,150 barrels of oil discovery allowable to said well.

CASE 7459: (Continued from January 6, 1982, Examiner Hearing)

Application of Red Mountain Associates for the Amendment of Order No. R-6538, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Order No. R-6538, which authorized applicant to conduct waterflood operations in the Chaco Wash-Mesa Verde Oil Pool. Applicant seeks approval for the injection of water through various other wells than those originally approved, seeks deletion of the requirement for packers in injection wells, and seeks an increase in the previously authorized 68-pound limitation on injection pressure.

CASE 7410: (Continued from January 6, 1982, Examiner Hearing)

Application of B.O.A. Oil & Gas Company for two unorthodox oil well locations, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a well to be drilled 2035 feet from the South line and 2455 feet from the East line and one to be drilled 2455 feet from the North line and 1844 feet from the East line, both in Section 31, Township 31 North, Range 15 West, Verde-Gallup Oil Pool, the NW/4 SE/4 and SW/4 NE/4, respectively, of said Section 31 to be dedicated to said wells.

CASE 7451: (Continued from January 6, 1982, Examiner Hearing)

Application of Yates Petroleum Corporation for compulsory pooling, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests down through the Abo formation underlying the SE/4 of Section 11, Township 6 South, Range 25 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 7453: (Continued from January 6, 1982, Examiner Hearing)

Application of T. D. Skelton for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Devonian and Mississippian formations underlying the NE/4 NW/4 of Section 7, Township 12 South, Range 38 East, to be dedicated to the re-entry of an old well at a standard location thereon. Also to be considered will be the cost of re-entering and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in re-entry of said well.

CASE 7457: (Continued from January 6, 1982, Examiner Hearing)

Application of E. T. Ross for nine non-standard gas proration units, Harding County, New Mexico. Applicant, in the above-styled cause, seeks approval for nine 40-acre non-standard gas proration units in the Bravo Dome Carbon Dioxide Area. In Township 19 North, Range 30 East: Section 12, the NW/4 NW/4 and NE/4 NW/4; Section 14, the NW/4 NE/4, SW/4 NE/4, and SE/4 NE/4. In Township 20 North, Range 30 East: Section 11, the NE/4 SW/4, SW/4 SE/4, SE/4 SW/4, and NW/4 SE/4.

CASE 7469: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating and extending certain pools in Chaves, Eddy, and Lea Counties, New Mexico.

(a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Paddock production and designated as the East Monument-Paddock Pool. The discovery well is Morris R. Antwell State SX Well No. 1 located in Unit J of Section 36, Township 19 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 37 EAST, NMPM
Section 36: SE/4

(b) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Ross Draw-Morrow Gas Pool. The discovery well is Florida Exploration Company Ross Draw Unit Well No. 10 located in Unit E of Section 27, Township 26 South, Range 30 East, NMPM. Said pool would comprise:

TOWNSHIP 26 SOUTH, RANGE 30 EAST, NMPM
Section 27: N/2

EXAMINER HEARING - WEDNESDAY - JANUARY 20, 1962

(c) CREATE a new Pool in Lea County, New Mexico, classified as an oil pool for Morrow production and designated as the Sowell-Morrow Pool. The discovery well is Santa Fe Energy Company State NM2 Well No. 1 located in Unit M of Section 2, Township 15 South, Range 32 East, NMPM. Said pool would comprise:

TOWNSHIP 15 SOUTH, RANGE 32 EAST, NMPM
Section 2: SW/4

(d) EXTEND the Angell Ranch-Atoka-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM
Section 12: All
Section 13: N/2

(e) EXTEND the Antelope Ridge-Atoka Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM
Section 27: N/2
Section 28: E/2

(f) EXTEND the Atoka-Yeso Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 23: S/2 S/2
Section 26: W/2 NW/4

(g) EXTEND the Bunker Hill-Penrose Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM
Section 14: SW/4 SE/4

(h) EXTEND the Burton Flat-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 25: W/2
Section 26: S/2

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM
Section 17: N/2

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM
Section 14: S/2
Section 23: W/2

(i) EXTEND the Cinta Roja-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 35 EAST, NMPM
Section 8: All

(j) EXTEND the South Calebra Bluff-Atoka Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM
Section 36: W/2

(k) EXTEND the South Empire-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM
Section 7: S/2

(l) EXTEND the Gem-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
Section 30: E/2
Section 32: S/2

PAGE 4

EXAMINER HEARING - WEDNESDAY - JANUARY 20, 1982

- (m) EXTEND the Rat Mesa-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM
Section 12: E/2

TOWNSHIP 21 SOUTH, RANGE 33 EAST, NMPM
Section 7: W/2

- (n) EXTEND the Herradura Bend-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM
Section 29: E/2 SE/4

- (o) EXTEND the Southwest Indian Flats-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM
Section 10: E/2

- (p) EXTEND the Leo-Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
Section 23: N/2 NE/4

- (q) EXTEND the West Lynch-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM
Section 32: N/2
Section 33: NW/4

- (r) EXTEND the North San Simon-Yates Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPM
Section 33: E/2 NW/4

- (s) EXTEND the South Saunders-Permo Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM
Section 25: N/2

- (t) EXTEND the Scharb-Bone Spring Pool in Lea County, New Mexico, to include therein:

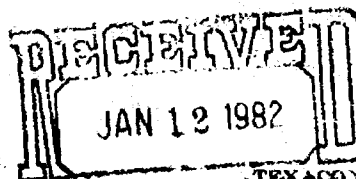
TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM
Section 9: NW/4

- (u) EXTEND the Tom-Tom-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 31 EAST, NMPM
Section 8: S/2 NW/4 and SW/4

- (v) EXTEND the Winchester-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM
Section 3: W/2



OIL CONSERVATION DIVISION
DRAWER 728
SANTA FE, NEW MEXICO 88240

January 11, 1982

**APPLICATION FOR MULTIPLE COMPLETION
JANUARY 20, 1982 EXAMINER HEARING
C. H. WEIR "A" WELL NO. 12
UNIT G, SECTION 12, T-20-S, R-37-E
LEA COUNTY, NEW MEXICO**

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico, 87501

Case 7463

Attention: Mr. Joe D. Ramey
Secretary-Director

Gentlemen:

Attached please find Form C-107, Application For Multiple Completion, and supporting documents for the January 20, 1982 Examiner Hearing scheduled to consider Texaco Inc's. application to dually complete the C. H. Weir "A" Well No. 12 as an oil - oil dual completion in the Skaggs Drinkard and Undesignated Abo Fields, Lea County, New Mexico.

Conoco Inc., as the only Offset Operator, is being notified of this application by copy of this letter.

Yours very truly,

TEXACO INC.
PRODUCING DEPARTMENT-WEST U. S.

J. A. Schaffer
J. A. Schaffer
Assistant District Manager

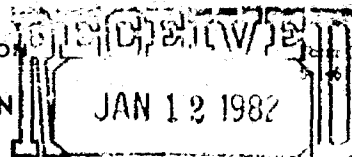
JAH:JEB

Attachments

Copy to: Conoco Inc.
P. O. Box 460
Hobbs, New Mexico, 88240

White, Koch, Kelly & McCarthy
Attention: Ken Bateman
P. O. Box 787
Santa Fe, New Mexico, 87501

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



Operator TEXACO Inc.		County Lea	Date January 11, 1982
Address P.O. Box 728, Hobbs, NM, 88241-0728		Lease C. H. Weir "A"	Well No. 12
Location of Well G	Unit 12	Township 20-S	Range 37-E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO **X**
2. If answer is yes, identify one such instance: Order No. _____ ; Operator Lease, and Well No.: _____

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Skaggs Drinkard		Undesignated Abo
b. Top and Bottom of Pay Section (Perforations)	6634' - 6894'		7049' - 7286'
c. Type of production (Oil or Gas)	Oil		Oil
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

4. The following are attached. (Please check YES or NO)

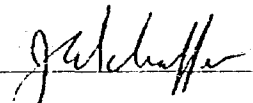
Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
<input checked="" type="checkbox"/>	<input type="checkbox"/>	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Conoco, Inc., P. O. Box 460, Hobbs, New Mexico, 88240

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES **X** NO _____. If answer is yes, give date of such notification **January 11, 1982**.

CERTIFICATE: I, the undersigned, state that I am the **Agent** of the **TEXACO Inc.** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

 **Asst. Dist. Mgr.**
Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

TEXACO
"B"

//

CONOCO
"B"

12

2
SD
WBE1
SG5
SD
SG
WBE

Skaggs-Fed.

TEXACO

5
SD
SG
WBE1
SD4
SD
SG(DHC)8
SG
WBE
MT
A11
13
MTG
12
SD
ABO7
SD4
SG
WBE
MT7
SD
SG(DHC)9
SG10
SD
WBE(DHC)

C.H. Weir

TEXACO

"B"

6
SD
WBE7
SD
WBE
MT8
SG9
SD
WBE10
SD
WBE
MT

C.H. Weir

M.B. Weir

TEXACO

14

13

(11)
S Gr7
WBE9
SD
MT

L.R. Kershaw

11
EQG
MT10
SD
MT

CONOCO

83

Semu-Perm

MT/MTG — MONUMENT TUBB (GAS)

SD — SKAGGS DRINKARD

SG — SKAGGS GLORIETA

WBE — WEIR BLINEBRY EAST

S Gr — SKAGGS GRAYBURG

EQG — EUMONT QUEEN GAS

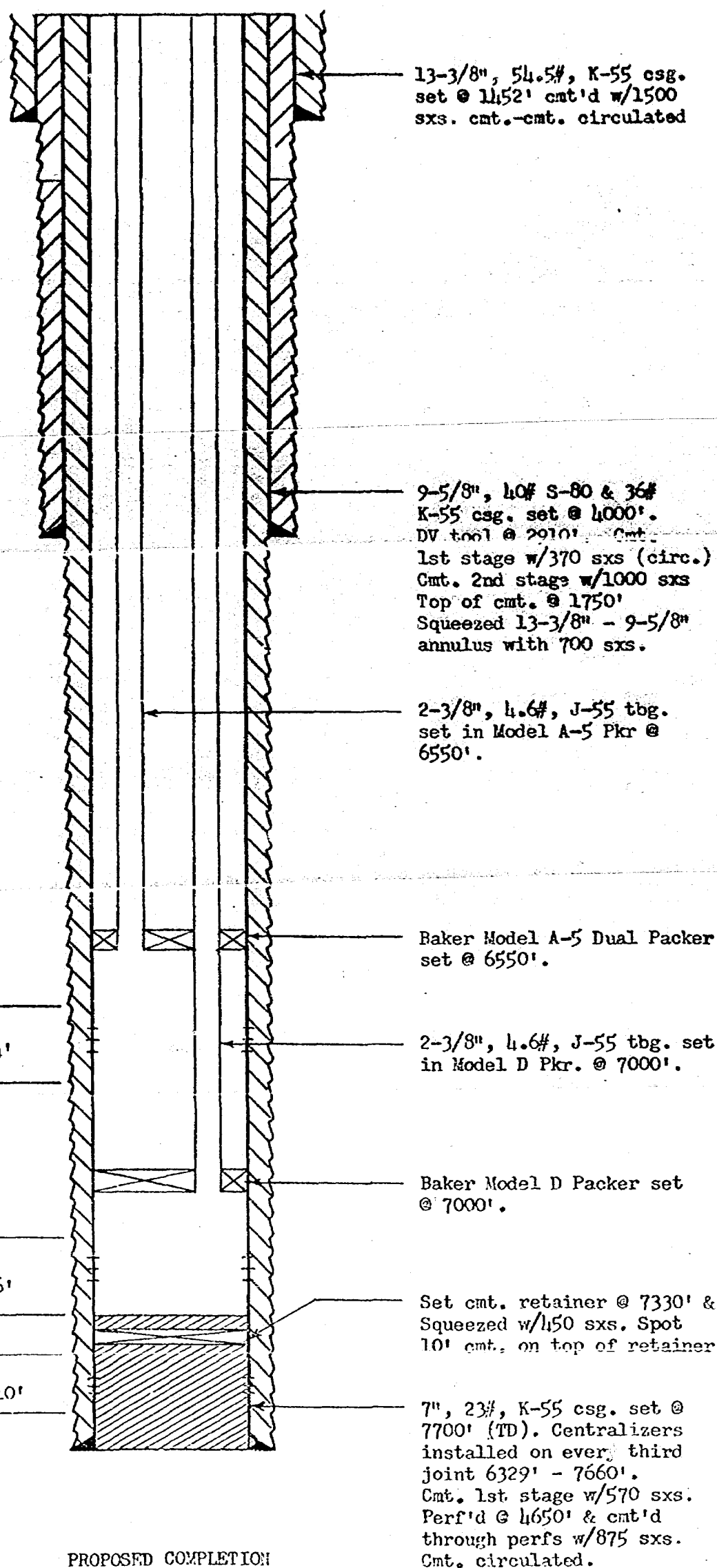
ABO — UNDES. ABO

TEXACO Inc.

SKAGGS & WEIR FIELDS
LEA COUNTY, NEW MEXICO

Drawn By: CRC Date: 12-10-79

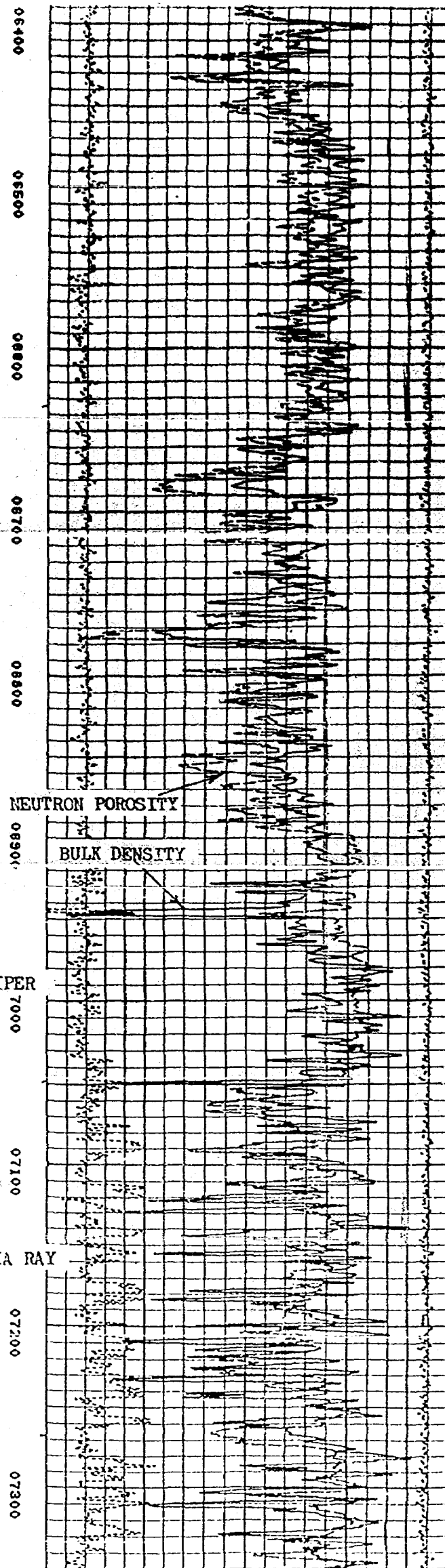
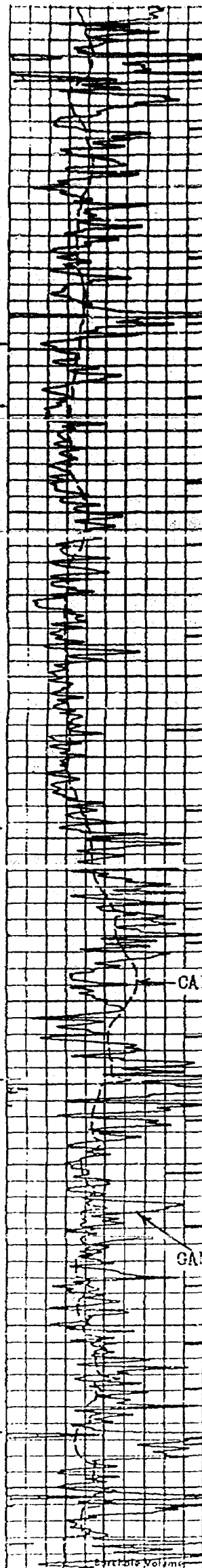
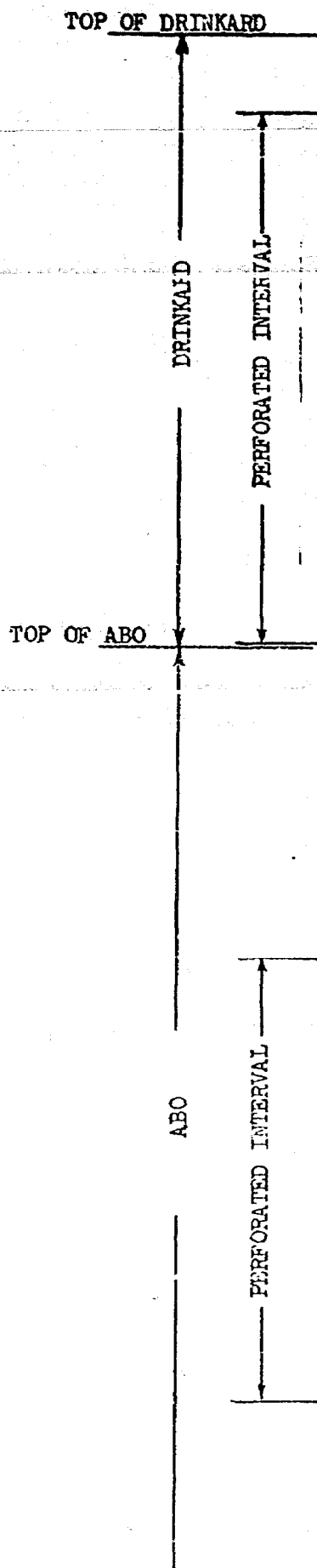
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PROPOSED COMPLETION

TEXACO Inc.
C.H. WEIR "A" NO. 12
SKAGGS DRINKARD
AND
UNDESIGNATED ABO FIELDS
LEA COUNTY, NEW MEXICO

JAH/CRC 1-11-82

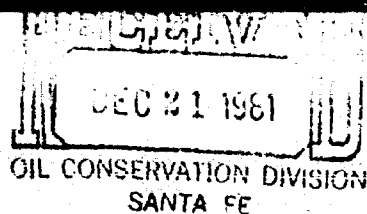


TEXACO Inc.
 C.H. WEIR "A" NO. 12
 SKAGGS DRINKARD
 AND
 UNDESIGNATED ABO FIELDS
 LEA COUNTY, NEW MEXICO

JAH/CRC 1-11-32



PETROLEUM PRODUCTS



December 17, 1981

TEXACO INC.
DRAWER 728
HOBBS, NEW MEXICO 88240

REQUEST FOR EXAMINER HEARING
RULE 112-A

PERMISSION TO DUALY COMPLETE

C. H. WEIR "A" WELL NO. 12
UNIT G, SECTION 12, T-20-S, R-37-E
LEA COUNTY, NEW MEXICO

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico, 87501

Case 7463

Attention: Mr. Joe D. Ramey
Secretary-Director

Gentlemen:

It is requested that an Examiner Hearing be scheduled to consider Texaco Inc's. application to dually complete the C. H. Weir "A" Well No. 12 as an oil-oil dual completion in the Skaggs Drinkard and Undesignated Abo Fields, Lea County, New Mexico.

By copy of this letter, Conoco Inc., as the only offset operator, is being notified of this application.

Texaco requests that this matter be scheduled for hearing at the earliest possible date.

Yours very truly,

TEXACO INC.
PRODUCING DEPARTMENT-WEST U. S.

J. V. Gannon
J. V. Gannon
District Manager

JAH:JEB

Copy to: Conoco, Inc.
P. O. Box 460
Hobbs, New Mexico, 88240

White, Koch, Kelly & McCarthy
Attention: Mr. Booker Kelly
P. O. Box 787
Santa Fe, New Mexico, 87501

HERBIE
ORDERS

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

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

CASE NO. 7463

Order No. R-6892

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

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 o'clock a.m. on January
20, 1982, at Santa Fe, New Mexico, before Examiner Richard L.
Stamets.

NOW, on this _____ day of January, 1982, the Division
Director, having considered the testimony, the record, and the
recommendations of the Examiner, and being fully advised in the
premises,

FINDS:

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

(2) That the applicant, Texaco Inc, seeks authority to complete its C. H. Weir "A" Well No. 12 located in Unit G of Section 12, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, as a dual completion conventional ^{pool} to produce oil from the Skaggs-Drinkard and an undesignated Abo pool.

(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 C. H. Weir "A" Well No. 12 located in Unit G of Section 12, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, as a dual completion (conventional) ^{pool} to produce oil from the Skaggs-Drinkard and an undesignated Abo pool *through parallel strings of tubing with separation of the zones to be achieved by means of a packer set at approximately 7000 feet.*

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

PROVIDED FURTHER, that the applicant shall take

packer leakage tests upon completion and
annually thereafter during the Annual
Gos Oil Ratio Test Period
for the 1960 year.

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

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

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

JOE D. RAMEY,
Director

S E A L

LEASE / 1987 - PERIOD OF APPLICATION FOR TWO
UNORTHODOX OIL WELL LOCATIONS, LEA
COUNTY, NEW MEXICO

1/8/82

1/8/82