

CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-101
Revised 10-1-78

CO. OF COPIES DESIRED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

3A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FED <input checked="" type="checkbox"/>
3. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work		7. Unit Agreement Name	
Type of Well	DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>	8. Firm or Lease Name	
NO. WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	L. R. Kershaw	
Name of Operator		9. Well No.	
Texaco Inc.		12	
Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 728, Hobbs, New Mexico 88240		Skaggs Drinkard	
Location of Well		12. County	
UNIT LETTER C LOCATED 660 FEET FROM THE North LINE		Lea	
1650 FEET FROM THE West LINE OF SEC. 13 TWP. 20-S SEC. 37-E			
19. Proposed Depth		19A. Formation	
7017' new PBTD		Drinkard	
21A. Kind & Status Plug. Bond		23. Rotary or C.T.	
Blanket		Pulling Unit	
21B. Drilling Contractor		22. Approx. Date Work will start	
3557' GR		August 3, 1987	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	11-3/4"	42#	1410'	1400	Circulated
11"	8-5/8"	24# & 28#	4015'	1200	Circulated
7-7/8"	5-1/2"	15.5# & 17#	7670'	1550	Circulated

This well is currently completed in the Abo. It is proposed to abandon the Abo and re-complete in the Drinkard.

1. MIRU
2. Set 5-1/2" CIBP @ 7020'. Dump 4 sacks cement on top. New PBTD 7017'.
3. Perf w/2 SPF: 6677, 80, 83, 87, 93, 96, 99, 6702, 05, 08, 12, 15, 19, 22, 25, 28, 31, 34, 42, 45, 50, 55, 59, 62, 68, 71, 76, 79, 83, 89, 93, 96, 99, 6804, 07, 11, 27, 30, 33, 36, 39, 54, 60, 64, 69, 77, 80, 83, 86, 90, 93, and 6896'. (52 intervals, 104 holes).
4. TIH and set packer @ 6575'. Load backside.
5. Run before-frac base temp. log.
6. Establish injection rate. Acidize w/4000 gallons 15% NEFE acid. 10 BPM @ 5000#.

IVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE SHUT-IN PREVENTER PROGRAM, IF ANY.

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

L. J. Seeman Title Dist. Petr. Engr. Date 7/17/87

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
VED BY DISTRICT I SUPERVISOR TITLE JUL 24 1987
IONS OF APPROVAL, IF ANY: DATE

L. R. KERSHAW WELL NO. 12
SKAGGS DRINKARD FIELD
LEA COUNTY, NEW MEXICO

Continuation to Form C-101

7. Frac w/12,000 gallons 40# 2% KCL gelled water, 74,000 gallons 40# crosslinked gelled water, and 190,000# 20/40 mesh sand. Pump @ 25 BPM, 6300# with radioactive tag.
8. Run post frac survey
9. Release packer, lower and tag PBTD. Reverse sand and ball sealers out if necessary.
10. Run production equipment.
11. Rig up swabbing unit and swab until flow is obtained.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 1-107
Supersedes 1-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

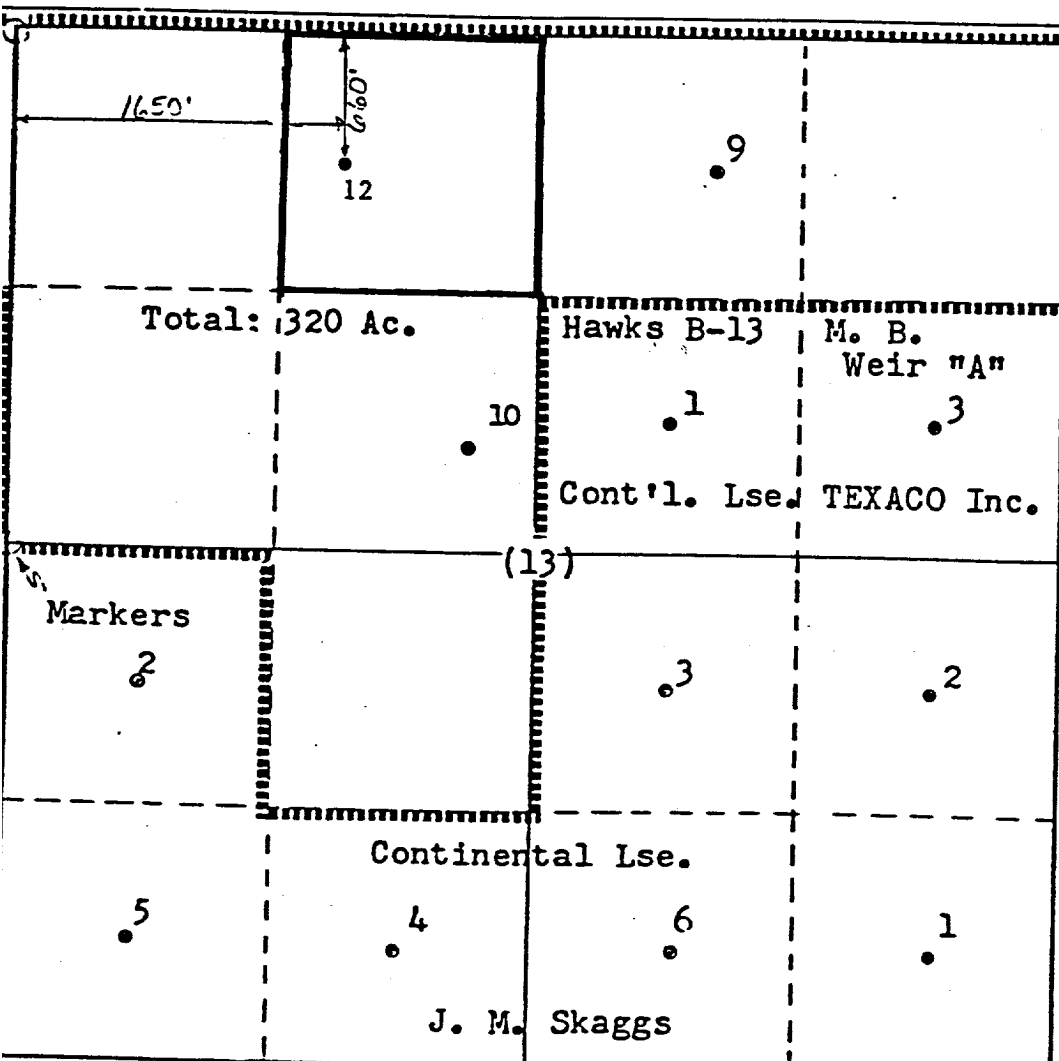
Operator TEXACO Inc.			Lease L. R. Kershaw		Well No. 12
Unit Letter C	Section 13	Township 20-S	Range 37-E	County Lea	
Actual Footage Location of Well: 660 feet from the North line and 1650 feet from the West line					
Ground Level Elev. 3557'	Producing Formation Drinkard		Pool Skaggs Drinkard		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>L. J. Seeman</i>	
Name	L. J. Seeman
Position	Dist. Petr. Engr.
Company	Texaco Inc.
Date	7/17/87
I hereby certify that the well location shown on this plot was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
Date Surveyed	
Registered Professional Engineer and/or Land Surveyor	
Certificate No.	

RECEIVED
JUL 23 1967
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AIRPS OFFICE