

Submit to Appropriate
District Office
State Lease -- 6 copies
Fee Lease -- 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)
30-025-27829
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work: DRILL <input type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>				7. Lease Name or Unit Agreement Name C.H. Weir "A"	
b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>				8. Well No. 14	
2. Name of Operator Texaco Exploration and Production Inc.				9. Pool name or Wildcat Skaggs Glorieta/Undesignated Paddock	
3. Address of Operator P.O. Box 730 Hobbs, New Mexico 88240					
4. Well Location Unit Letter <u>K</u> : <u>1980</u> Feet From The <u>South</u> Line and <u>1815</u> Feet From The <u>West</u> Line Section <u>12</u> Township <u>20-S</u> Range <u>37-E</u> NMPM Lea County					
10. Proposed Depth 7620 (8-7-82)				11. Formation Glorieta/Paddock	
13. Elevations (Show whether DF, RT, GR, etc.) 3575' KB		14. Kind & Status Plug. Bond Blanket		15. Drilling Contractor	
16. Approx. Date Work will start February 15, 1992					
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13 3/8	61#	1450	1500	Circulated
12 1/4	9 5/8	47#	4000	1725	Circulated
8 1/2	7	26# and 23#	7620	1085	Circulated

This well will be a dual completion. Texaco will continue to produce the Abo zone and will open up either the Glorieta or the Paddock zones, depending on tests from the Paddock zone. Well will not be downhole commingled.

Petroleum Engineering Recommendations and Procedure

- 1) MIRUPU. Kill Abo zone. Install BOP. RU Jarrel Serv. Set
1.875" blanking plug in bottom "F" nipple @ 6983. TOH w/ 2 3/8" tbq
and model E22 seal assembly.
- 2) TIH w/ 7" RBP on workstring and set @ 5700. Dump 3 sxs sand
on RBP. Pull up hole and spot 420g 7 1/2% Acetic acid from 5630-5370.

(CONTINUED ON BACK)

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

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

SIGNATURE M.C. Duncan TITLE Engineer's Assistant DATE 1-15-92
TYPE OR PRINT NAME M.C. Duncan TELEPHONE NO. 393-7191

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

JAN 16 '92

APPROVED BY DISTRICT I SUPERVISOR TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

- 3) TIH w/ 4" csq gun. Perf Paddock w/ 2 spf @ the following int:
5384,85,5401,14,15,55,60,85,89,90,94,5546,52,54,56,58,60,62,64,5610,12.
(21 int; 42 holes).
- 4) TIH w/ 7" treating pkr. Set pkr @ 5250. Pump 3500g 15% NEFE
acid as follows: Pump 500 g acid
Pump 2500 g w/ 1 ppg rock salt
Pump 500g acid. Flush to bottom perf.
Pump @ 8 BPM or 2500 psi max.
- 5) Test Paddock. If commercial go to step 10
- 6) If paddock is not commercial, TIH w/ 7" cmt. rtn. Set rtn. @
5370. Sqz perfs 5384-5612 w/ 150 sxs Class "C" cmt. WOC. Drill out
and test csq to 500 psi. Spot 65g 7 1/2% Acetic from 5280 to 5320. TOH
- 7) TIH w/ 4" csq gun. Perf Glorieta w/ 2 spf @ 5298,5300,02,04,
06. (5 int; 10 holes).
- 8) TIH w/ 7" treating pkr. Set pkr. @ 5200. Pump 1000g 15%
NEFE acid. Drop 3 balls at start of acid w/ 12 additional balls spaced
evenly throughout remainder of job. Flush to bottom perf. Pump @ 8
BPM max or 2500 psi max.
- 9) Swab load back and test
- 10) TOH w/ 7" RBP @ 5700. TIH w/ Model E22 seal assembly, 2 3/8"
tbq, sufficient blast its to cover producing upper interval, and
parallel string anchor. Before landing seal assembly into Model "D"
pkr, pump 70 bbls of 10# brine mixed w/ 1 drum Tretolite KW-170.
- 11) TIH w/ 2 3/8" short string and prod equip. Land into parallel
string anchor. Set pump below upper zone. Run rods. Put on pump.
Retreive 1.875" blanking plug. Swab in Abo. Place both zones on test.

JAN 15 1992

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WELL LOCATION AND ACREAGE DEDICATION PLAT

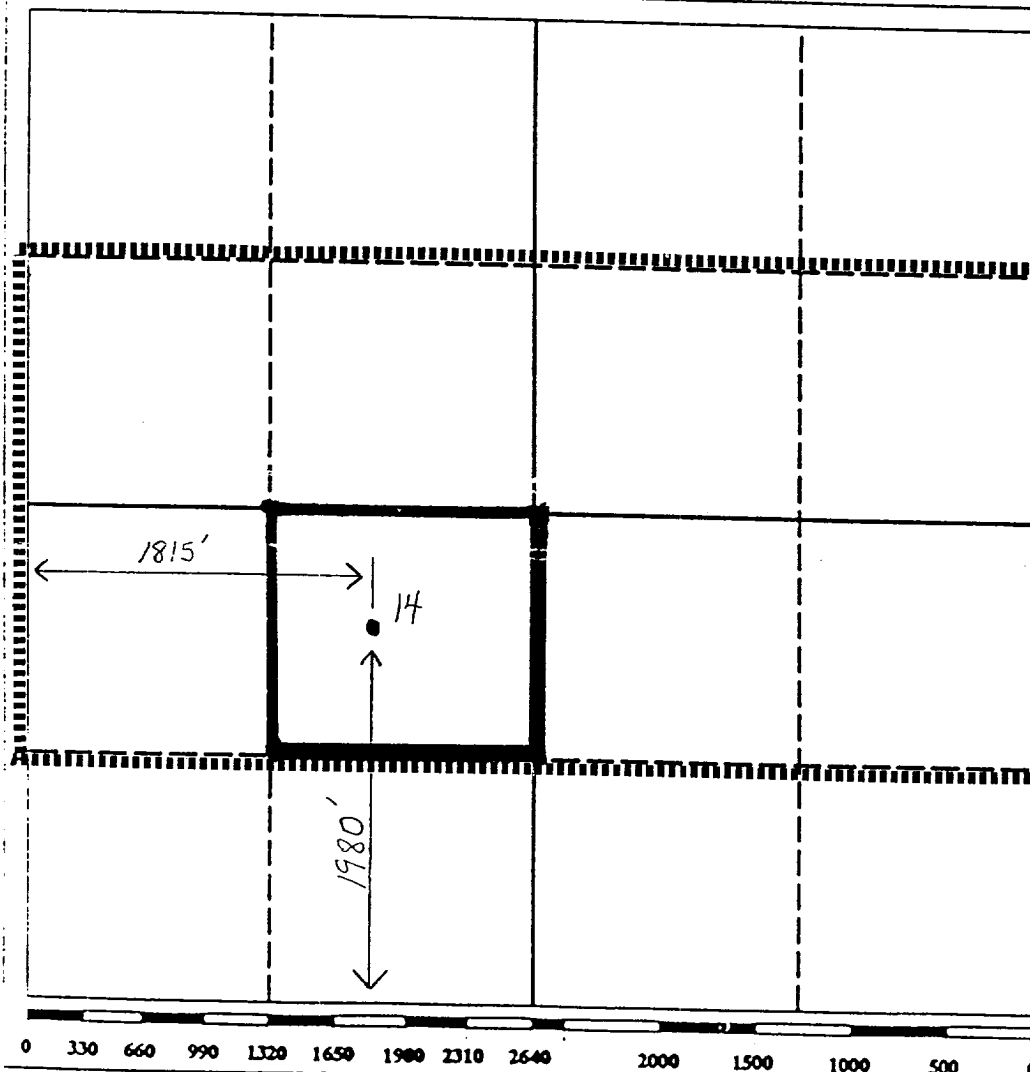
All Distances must be from the outer boundaries of the section

Operator Texaco Exploration and Production Inc.			Lease C.H. Weir "A"		Well No. 14
Unit Letter K	Section 12	Township 20-S	Range 37-E	County Lea	
Actual Footage Location of Well: 1980 feet from the South line and 1815 feet from the West line					
Ground level Elev. 3575' KB		Producing Formation Glorieta/Paddock		Pool Skaggs Glorieta/ Undesignated Paddock	Dedicated Acreage: 40 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature
M.C. Duncan
Printed Name
M.C. Duncan
Position
Engineer's Assistant
Company
Texaco Exploration and Production Inc.
Date
1-15-92

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat 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
Signature & Seal of Professional Surveyor
Certificate No.