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NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101
Revised 10-85

1A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
1B. Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
Owen A	
9. Well No.	
8	
10. Field and Pool, or Wildcat	
Wantz Abo/Undes. Drink.	
11. County	
Lea	
12. Formation	
6539'/7301' Drink/Abo	
20. Rotary or C.T.	
Completion Ut.	
21. Elevations (Show whether DF, RT, etc.)	
3370' GR	
21A. Kind & Status Plug, Bond	
Required/Approved	
Unknown	
22. Approx. Date Work will start	
After permit approval	

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work	
b. Type of Well	
DRILL <input type="checkbox"/>	DEEPEN <input type="checkbox"/>
OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>
2. Name of Operator	
Cities Service Oil and Gas Corporation	
3. Address of Operator	
P.O. Box 1919 - Midland, Texas 79702	
4. Location of Well	
UNIT LETTER I	LOCATED 1830
710	South
East	35
21S	37E
11. County	
Lea	
21. Elevations (Show whether DF, RT, etc.)	
3370' GR	
21A. Kind & Status Plug, Bond	
Required/Approved	
Unknown	
22. Approx. Date Work will start	
After permit approval	

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" (conductor)	48#	30'	3 yards Redimix	Circulated
12-1/4"	9-5/8"	36#	1119'	550	Circulated
8-3/4"	7"	23 & 26#	7824'	2650	Circulated

O.T.D. 7825' Granite, PBTB 7320'. It is proposed to acidize the existing Abo Perfs @ 6709-7301', plug back and test the Drinkard Formation and produce both zones in the following manner:

1. MIRU a pulling unit, ND WH & NU BOP and POOH w/Abo tubing.
2. RU WL and set a 7" Baker Model DB packer w/a Model F profile nipple @ 6650'.
3. RIH w/locator seal assembly on 2-3/8" tubing and sting into Model DB packer @ 6650'.
4. Acidize thru Abo Perfs @ 6709 - 7301' w/2500 gals 15% NeFe HCL acid. Recover treatment and test Abo. POOH w/tubing, seal assembly and packer.
5. RIH w/7" RBP on 2-3/8" tubing and set RBP @ \pm 6625'. Spot 2 sacks of sand on top of RBP. POOH w/tubing.
6. Perforate the Drinkard Formation w/2 SPF @ 6473, 75, 79, 81, 85, 6502, 03, 09, 17, 19, 21, 23, 25, 27, 29, 31, 33, and 6539'. Total of 36 holes.

(CONTINUED ON REVERSE SIDE)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO PLUG BACK, GIVE NAME OF 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.

Signed Dan C. Zimmerman Title Region Petroleum Engineer Date 11-25-85

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR

TITLE

DATE

NOV 27 1985

CONDITIONS OF APPROVAL, IF ANY:

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HOBBS OFFICE

7. RIH w/tubing and RTS and set RTS @ + 6400'. Swab Drinkard zone and if necessary acidize Drinkard Perfs @ 6473 - 6539' w/3000 gals 15% NeFe HCL acid. Recover treatment and test Drinkard and if necessary kill Drinkard w/2% KCL water. Release RTS and POOH w/tubing and RTS.
8. RIH w/bit on 2-3/8" tubing and reverse out sand on top of RBP set @ +6625'. POOH w/bit and tubing. RIH w/retrieving tool on 2-3/8" tubing, latch onto RBP, release and POOH w/tubing and RBP.
9. RIH w/seal assembly and parallel anchor on 2-3/8" Abo tubing. Sting into Model DB packer set @ 6650'. Set anchor @ 6400'. RIH w/2-3/8" Drinkard tubing and sting into anchor @ 6400'.
10. RU WL and fish blanking plug in Model F profile nipple and if necessary swab the Abo zone in to production.
11. RIH w/rods and BHP and put well to pumping.
12. Obtain stabilized production test on both zones.

**NEW XICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

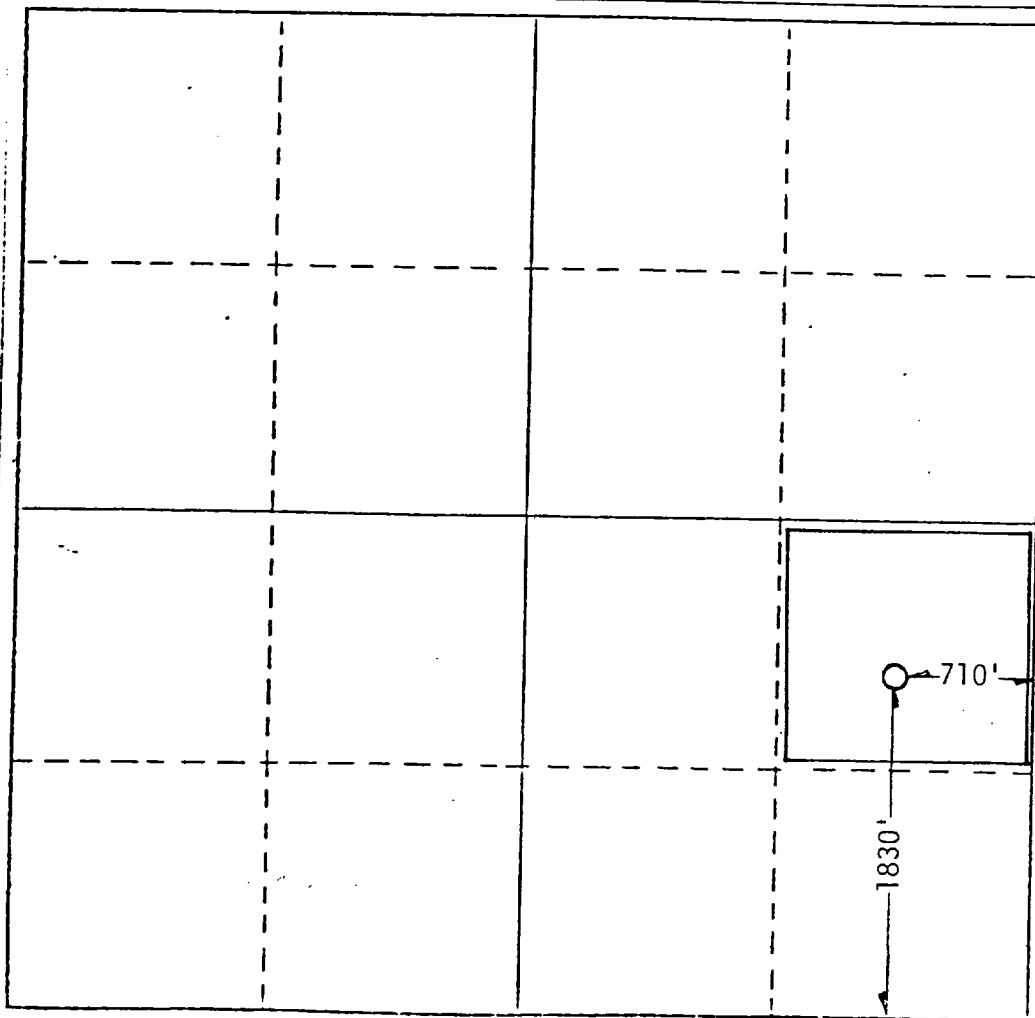
All distances must be from the outer boundaries of the Section

Operator Cities Service Oil and Gas Corp.			Lease Owen A		Well No. 8
Unit Letter I	Section 35	Township 21S	Range 37E	County Lea	
Actual Footage Location of Well:					
1830	feet from the	South	line and	710	feet from the
Ground Level Elev. 3370'	Introducing Formation Drinkard/Abo		Foot Wantz Abo/Undesignated Drinkard	Dedicated Acreage 40	

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.

Name *David C. Himmelfarb*
 Position **Region Petroleum Engineer**
 Company **Cities Service O&G Corp.**
 Date **November 25, 1985**

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 _____
 Registered Professional Engineer
 and/or Land Surveyor

Certificate No. _____

