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Jason Kellahin

W. Thomas Kellahin

Karen Aubrey

March 17, 1981

NSC-1338
Kull
104 F

Mr. Dan Nutter
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

RE: Cities Service Company
State DQ#1 Well

Dear Mr. Nutter:

On behalf of Cities Service Company, we respectfully request administrative approval of a well location for Cities Service State DQ well #1 located 1090 feet from the West line and 660 feet from the North line of Section 32, T17N, R30E, Harding County, New Mexico.

Cities proposes to dedicate the NW/4 of said Section 32 to the well which will be drilled to an approximate depth of 2150 feet sufficient to test the Tubb formation for Carbon Dioxide production.

The well is a wildcat well to be drilled on a State of New Mexico lease with a May 1, 1981 expiration date.

Attachment (1) is a plat of the well location.

Attachment (2) shows that because of topography there is no standard location within the 160 acre tract that can be drilled.

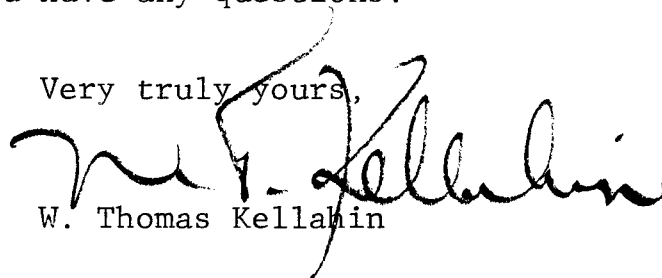
Attachment (3) shows the ownership in the area. Section 32 is outlined in yellow. Tract S137PT is operated by Cities Service Company. The black dotted tracts are operated by SEC-UGI Amerigas, the only other offset operator. It has waived any objection to the proposed location.

KELLAHIN and KELLAHIN
Mr. Dan Nutter
Oil Conservation Division
March 17, 1981
Page two

In accordance with Commission Rule 104(F) please
find an original and two copies.

Please call me if you have any questions.

Very truly yours,

A handwritten signature in dark ink, appearing to read 'W. Thomas Kellahin', written over the typed name.

W. Thomas Kellahin

WTK:jm
Enclosures
cc: Mr. Gene Motter

WAIVER BY OFFSET OPERATOR:

Amey S. Williams, Vice President
For SEC-UGI Amerigas

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

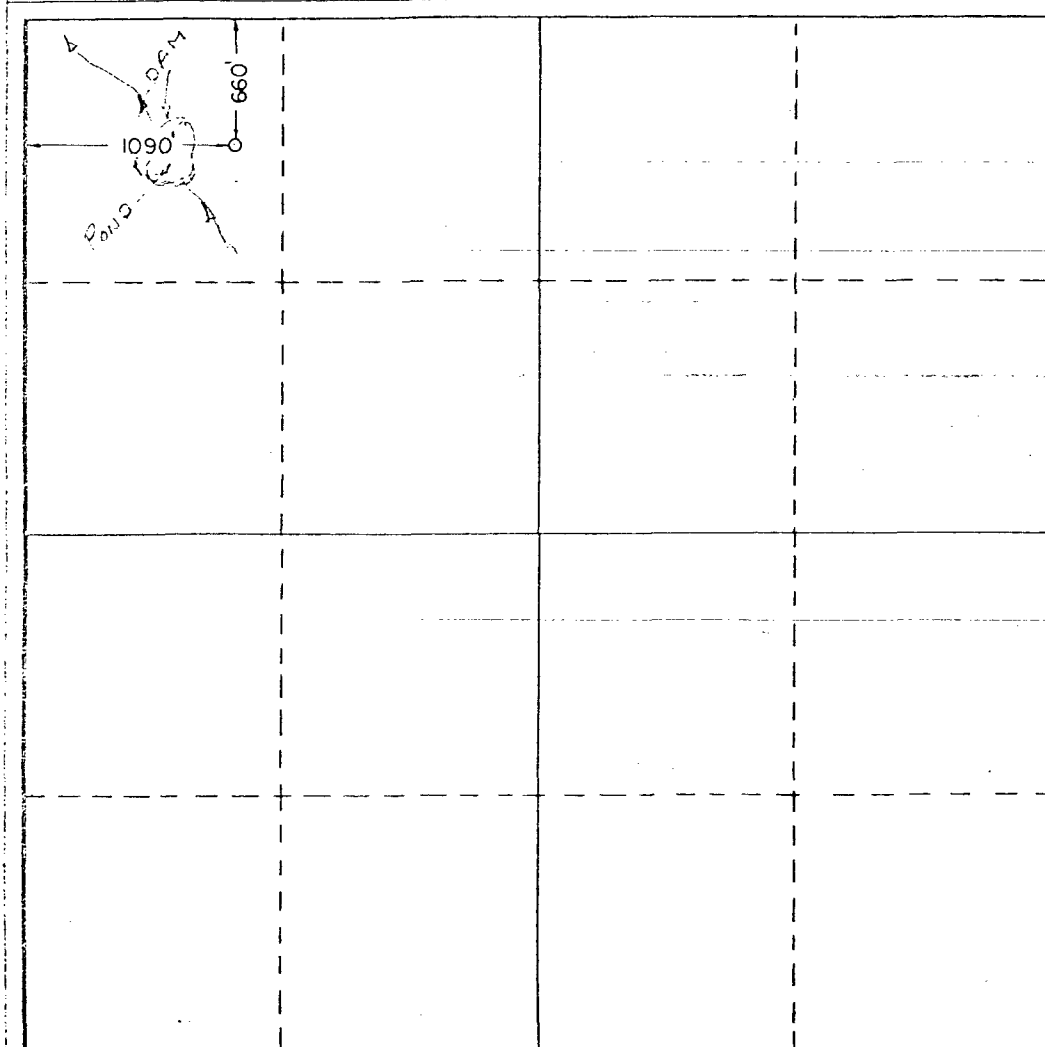
Operator Cities Service Oil Co.		Lease State DQ		Well No. 1
Unit Letter D	Section 32	Township 17 North	Range 30 East	County Harding
Actual Footage Location of Well: 660 feet from the north line and 1090 feet from the west line				
Ground Level Elev. 4421.8	Producing Formation		Pool	Dedicated Acreage: Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 _____

Position _____

Company _____

Date _____

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

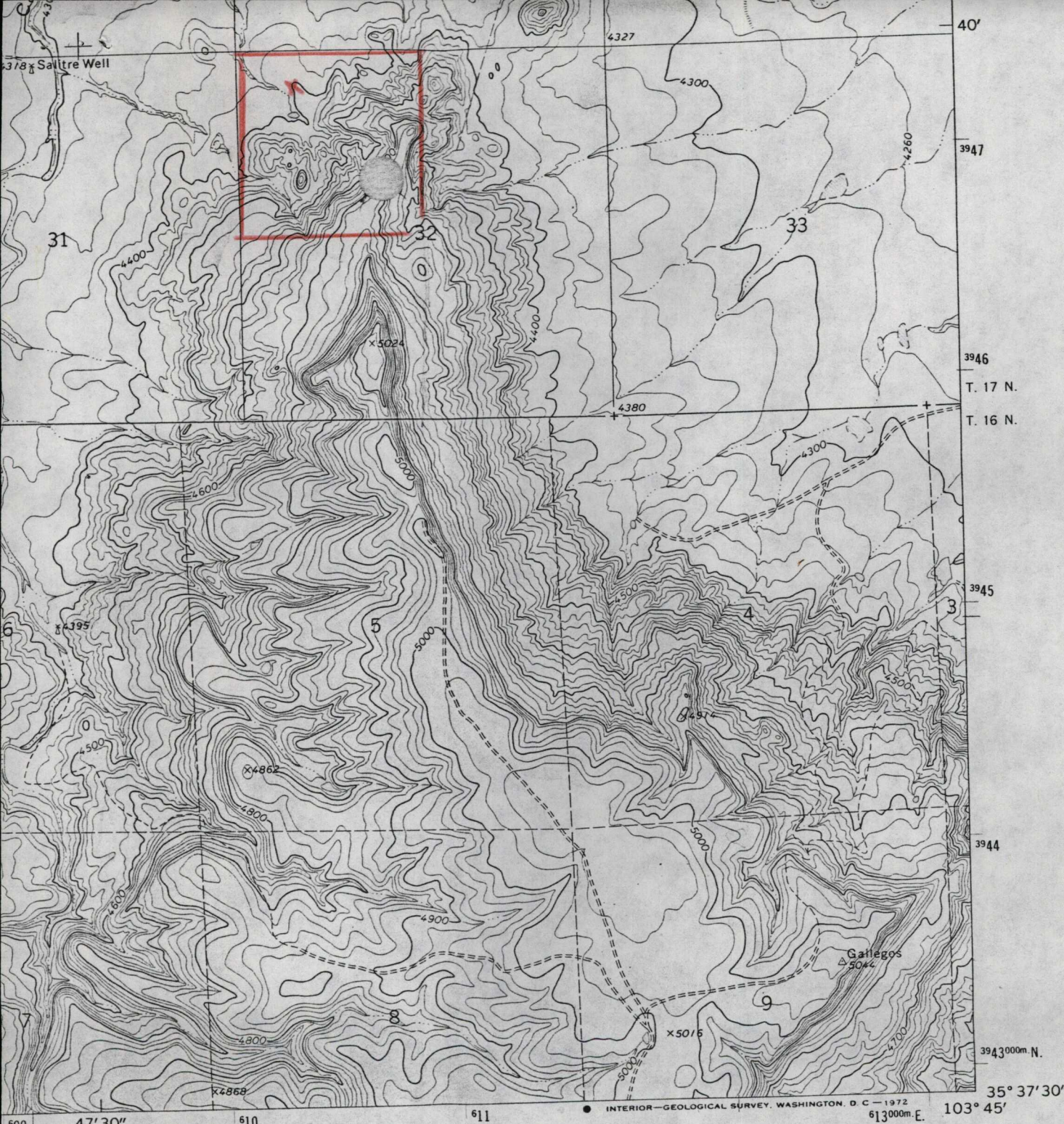
3-1-81

Registered Professional Engineer and/or Land Surveyor

Patrick A. Romero

Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6863
Ronald J. Eidson 3239

Attachment (1)



TOPOGRAPHIC LAND SURVEYORS

908 WEST WALL
NEW MEXICO
MIDLAND, TEXAS 79701

602-1153

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Light-duty road, all weather, improved surface _____
Unimproved road, fair or dry weather _____

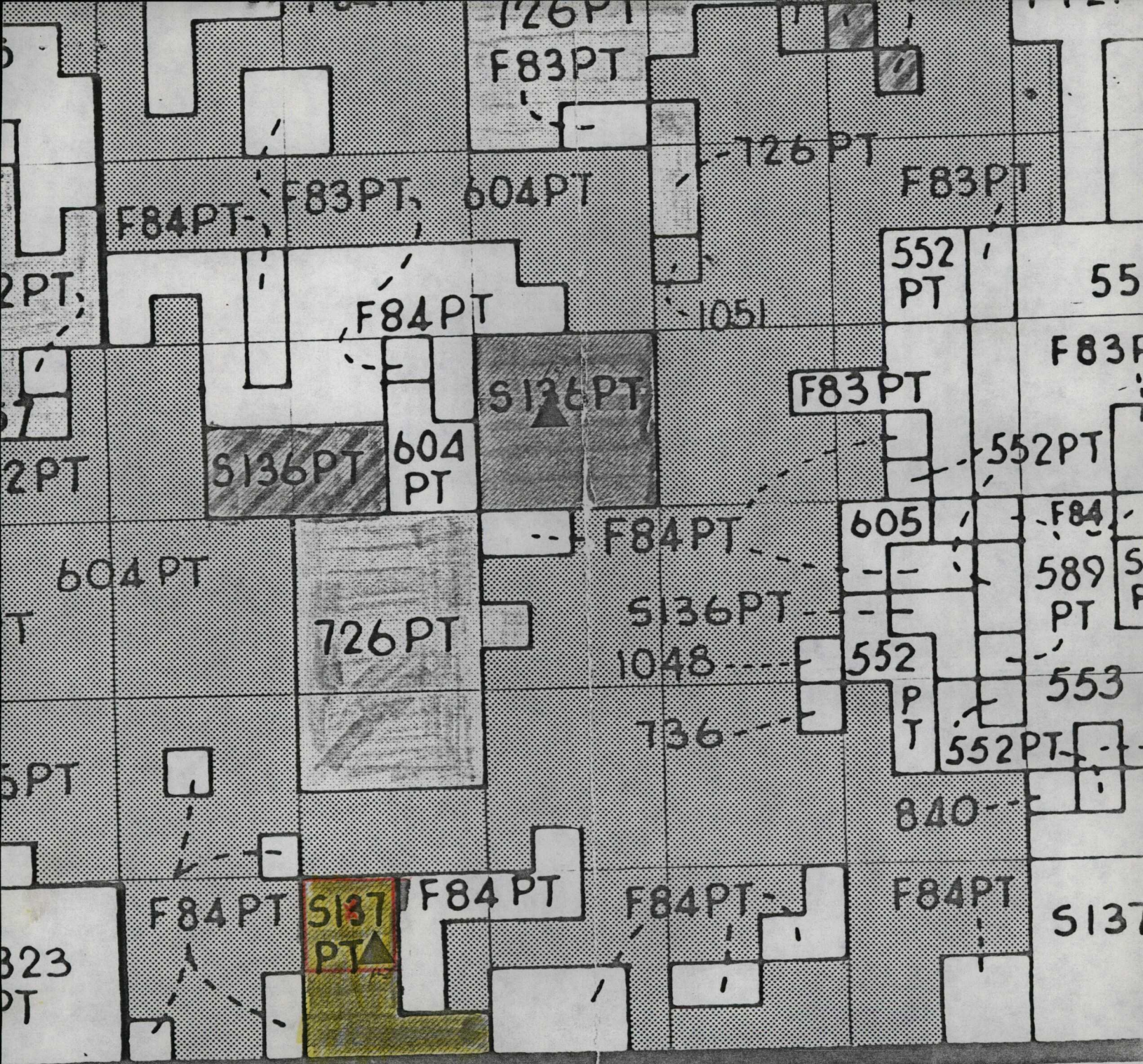
SALITRE CANYON, N. MEX.

N3537.5—W10345/7.5

1969

AMS 5255 III NE—SERIES V881

Attachment (2)



R 30 E

EL RANCH

CITIE
BRAVO DOM
HARDI

ATTACHMENT (3)

RECEIVED
MAR 10 1981



File
154-1338

CITIES SERVICE COMPANY - *Oil & Gas Division* Box 1919
ENERGY RESOURCES GROUP SANTA FE Midland, Texas 79702
(915) 685-5600

March 3, 1981

State of New Mexico
Energy and Mineral Dept.
Oil Conservation Div.
P.O. Box 2088
Santa Fe, New Mexico 87501

Approved
3/18/81
154-1338

Attn: Joe D. Ramey

Re: Request for Administrative
Approval to drill Cities' State
DQ Well No. 1, Harding County,
New Mexico

Gentlemen:

Cities Service Company respectfully requests Administrative Approval to drill their State DQ Well No. 1, 660' FNL & 1090' FWL of Section 32-T17N-R30E, Harding County, New Mexico. This well is having to be drilled at this proposed unorthodox location due to the terrain in the immediate drilling area. The State DQ lease consists of the W/2 and the S/2 SE of Section 32 which indicates that this proposed well is crowding of our own interior 40 acres.

It is proposed to drill this well to a total depth of 2500' in search of a CO₂ supply.

Thank you for your consideration of our request.

Very truly yours,

CITIES SERVICE COMPANY

E. Y. Wilder
E. Y. Wilder
Region Operations Manager
Southwest Region
E & P Division

EYW:JME:s1

Attachment

cc: Energy & Minerals Dept.
Oil Conservation Div.
P.O. Box 2088
Santa FE, NM 87501

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SANTA FE	
FILE	
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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	L-5899

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work			7. Unit Agreement Name		
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> CO ₂ Supply			8. Firm or Lease Name		
2. Name of Operator Cities Service Company			9. Well No. 1		
3. Address of Operator Box 1919, Midland, TX 79702			10. Field and Pool, or Wildcat Bravo Dome Area		
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1090</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>32</u> TWP. <u>17N</u> RGE. <u>30E</u> NMPM			12. County Harding		
19. Proposed Depth 2500'			19A. Formation Tubb		20. Rotary or C.T. Rotary
21. Elevations (Show whether DT, KI, etc.) 4421.8' GR		21A. Kind & Status Plug. Bond Required/Approved	21B. Drilling Contractor Cactus Drlg. Co.		22. Approx. Date Work will start Feb 15 - May 1, 1981

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8-5/8"	24#	700'	400	Circulate
7-7/8"	5 1/2"	14#	2500'	600	Circulate

It is proposed to drill this well to a total depth of 2,500' to test the Tubb formation. The blowout prevention program is as follows:

- one set of blind rams
- one set of drill pipe rams

The acreage assigned to this well is not dedicated to any CO₂ purchaser.

This location is being changed due to the terrain not allowing the well to be drilled at the original location.

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.

Signed [Signature] Title Region Oper. Mgr. Date 3/3/81
(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: