

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 1994

Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator name and Address Enron Oil & Gas Company P.O. Box 2267 Midland, TX 79702		² OGRID Number 7377
		³ API Number 30-025-34571
⁴ Property Code 24199	⁵ Property Name Brinninstool "4" State	⁶ Well No. 2

⁷ Surface Location									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
N	4	24S	33E		660	South	1890	West	Lea

⁸ Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
⁹ Proposed Pool 1 Johnson Ranch Wolfcamp					¹⁰ Proposed Pool 2 Pitchfork Ranch				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3616
¹⁶ Multiple N	¹⁷ Proposed Depth 14200	¹⁸ Formation Wolfcamp	¹⁹ Contractor	²⁰ Spud Date 3-1-99

²¹ Proposed Casing and Cement Program						
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC	
14-3/4"	11-3/4 H40	ST&C 42#	650	350 CL C	Surface	
11"	8-5/8 J55	LT&C 32#	4000	1050 C Prem +	Surface	
11"	8-5/8 HCK	LT&C 32#	5000	1050 C Prem +	Surface	
7-7/8"	5-1/2 S95/P110	LT&C 17#	13000	1180 Prem	4500'	
4-3/4"	2-7/8 N-80	6.5#	14200	135 Prem	12300'	

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary

11-3/4" - 200 sx Prem Plus, 3% Econolite, 2% Calcium Chloride, 0.25#/sx Flocele
150 sx Prem Plus, 2% Calcium Chloride
8-5/8" - 800 sx Interfill C, .25#/sx Flocele
250 sx Premium Plus, 2% Calcium Chloride
5-1/2" - 930 sx Premium, 3% Econolite, 5#/sx Salt (3%), .25#/sx Flocele
250 Prem 50/50 Poz mix 'A', 2% Halliburton-Gel First 2%, 0.5% Halad-322, 0.2% HR-5
2-7/8" - 135 sx Premium Cement, 0.3% Halad-344, 0.3% Halad-413, 0.3% Super CBL, 0.3% SCR-100
BOP Diagram Attached

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Mike Francis

Printed name: Mike Francis

Phone: (915)686-3714

Title: Agent

Date: 2-1-99

OIL CONSERVATION DIVISION

Approved by:

SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

Title:

Approval Date:

FEB 08 1999

Expiration Date:

Expires 1 Year From Approval
Date Unless Drilling Underway

dp
ml

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-34571	² Pool Code 79335	³ Pool Name Johnson Ranch Wolfcamp
⁴ Property Code 24199	⁵ Property Name BRININ STOOL "4" STATE No. 2	
⁷ GRID No. 7377	⁸ Operator Name ENRON OIL & GAS COMPANY	⁶ Well Number 2
		⁹ Elevation 3616'

¹⁰Surface Location

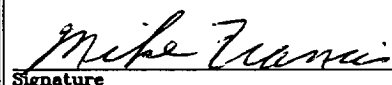

UL or lot no. N	Section 4	Township 24-S	Range 33-E	Lot Idn	Feet from the 660	North/South line SOUTH	Feet from the 1890	East/West line WEST	County LEA
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¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

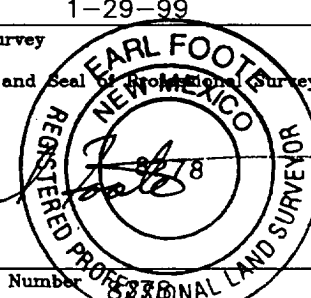
16				¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Mike Francis Printed Name Agent Title 2-1-99 Date
				¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to best of my belief. 1-29-99 Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number 8238

1890'

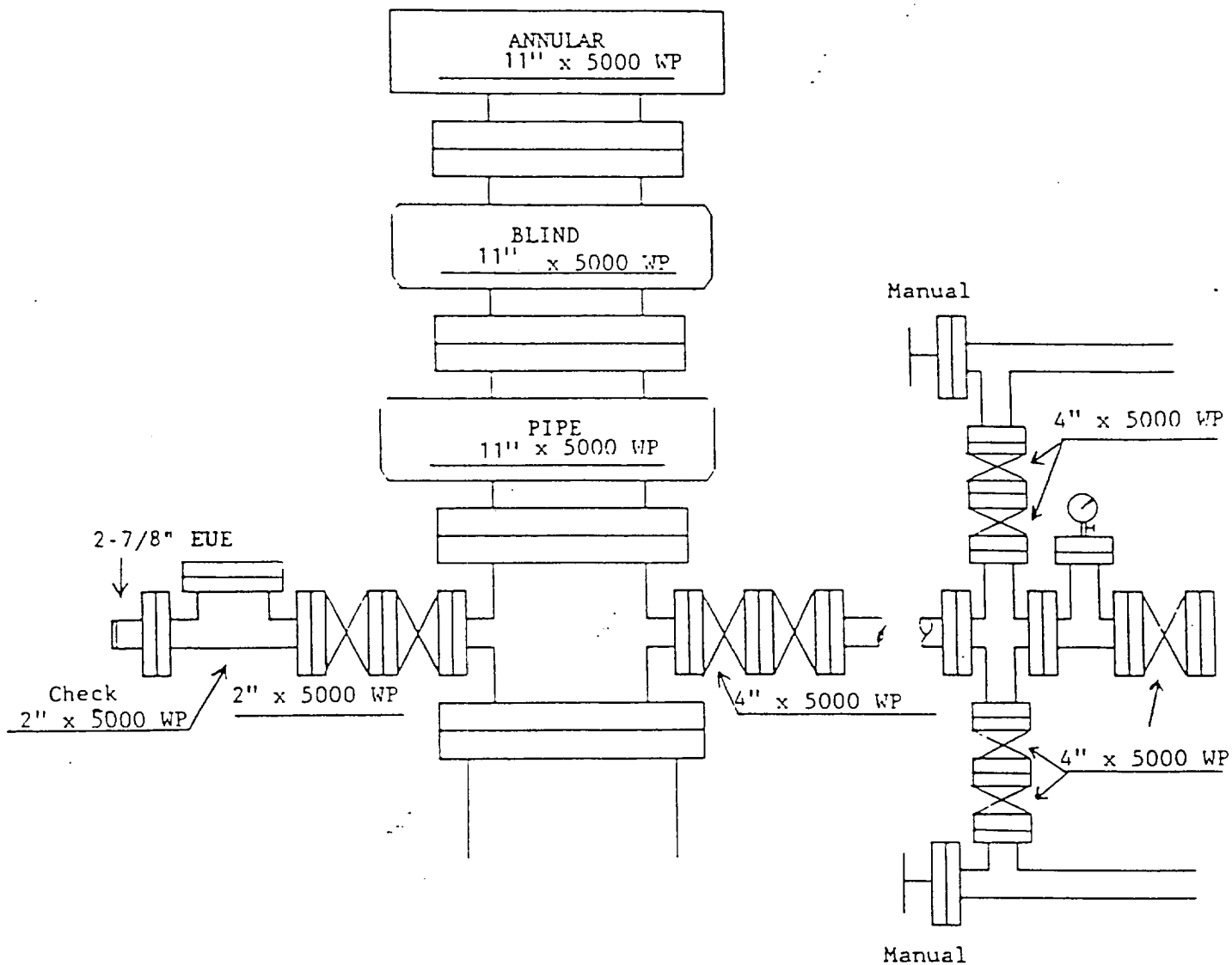
660'

ENRON OIL & GAS COMPANY
BRININ STOOL "4" STATE NO. 2

LAT. = 32° 14' 28.0"
LONG. = 103° 34' 45.1"
Y = 452255.4
X = 733165.2

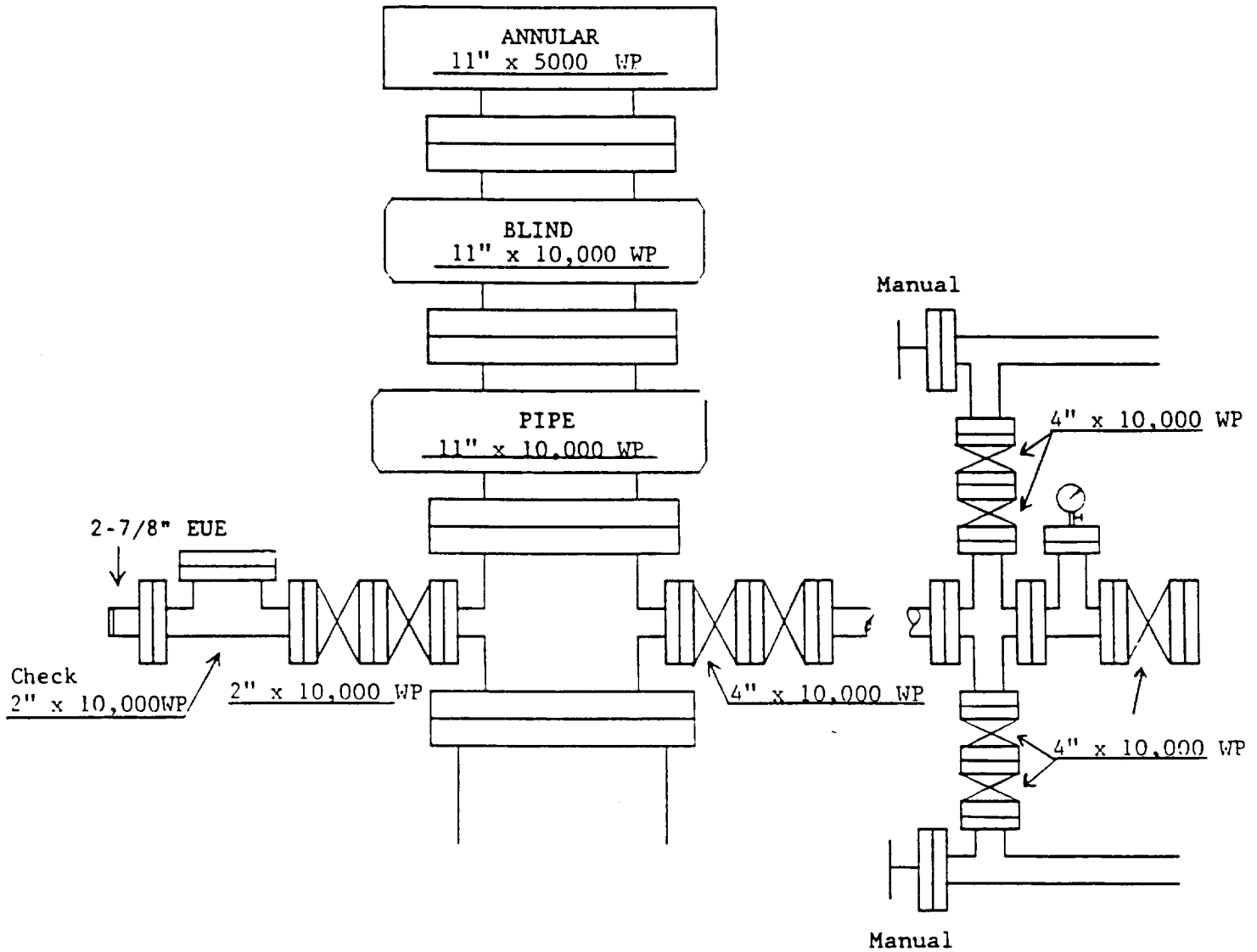


ENRON OIL & GAS COMPANY
Brinninstool "4" State No. 2
Attachment I



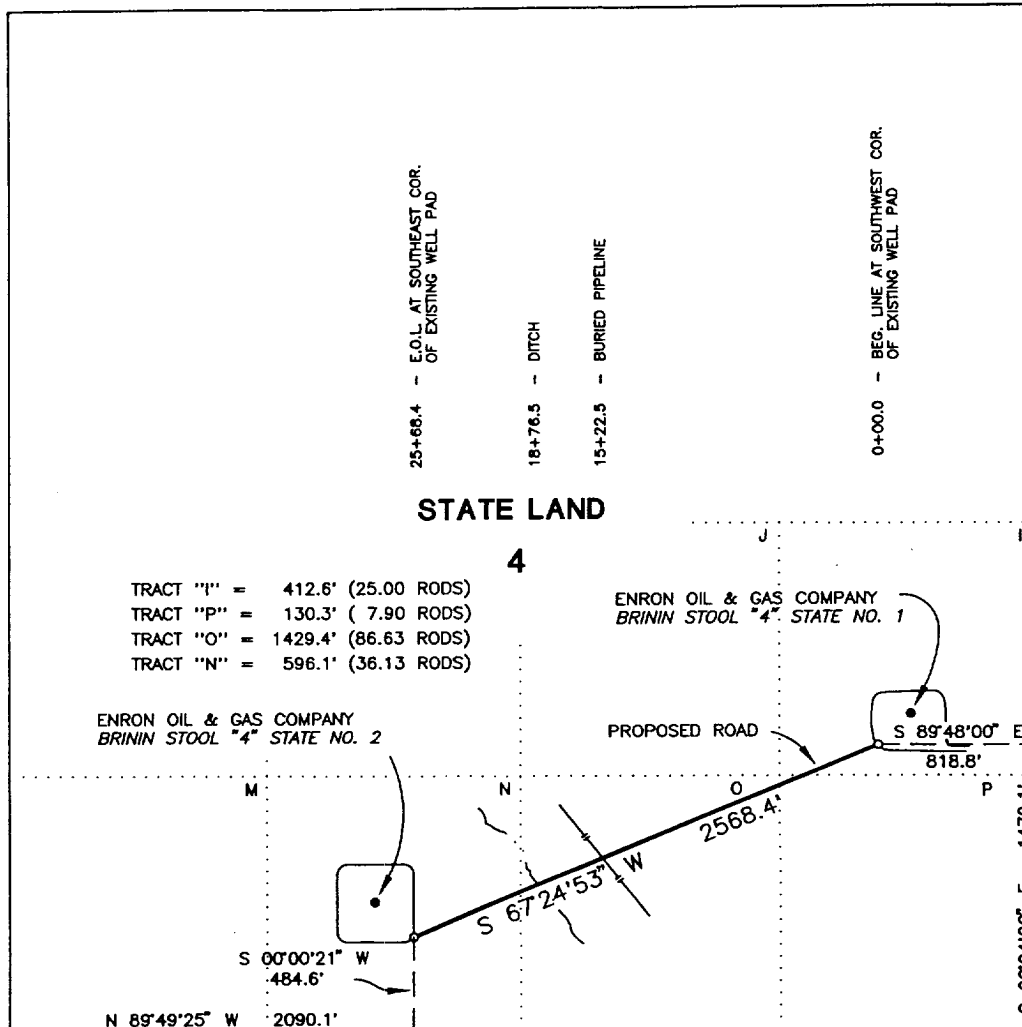
Nipple up this equipment at +/-650' and use until +/-12,800'

ENRON OIL & GAS COMPANY
Brinninstool "4" State No. 2
Attachment II



Nipple up this equipment at +/- 12,800' and use until TD

SECTION 4, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, NEW MEXICO

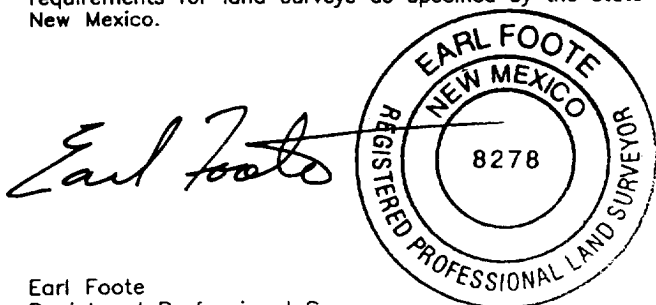


CENTERLINE DESCRIPTION OF A PROPOSED ROAD:

BEGINNING at a point in the southwest corner of a well pad for Enron Oil & Gas Company BRININ STOOL "4" STATE NO. 1, from which point the southeast corner of Section 4, T-24-S, R-33-E, N.M.P.M., Lea County, New Mexico, bears S 89° 48' 00" E, 818.8 feet and S 00° 04' 00" E, 1479.1 feet;

THENCE S 67° 24' 53" W, with the centerline of proposed road, 2568.4 feet to a point in the southeast corner of a well pad for Enron Oil & Gas Company BRININ STOOL "4" STATE NO. 2, for the end of this line, from which point the southwest corner of said Section 4 bears S 00° 00' 21" W, 484.6 feet and N 89° 49' 25" W, 2090.1 feet.

I hereby certify that this plat was prepared from an actual survey made on the ground and meets or exceeds all requirements for land surveys as specified by the state of New Mexico.



Earl Foote
Registered Professional Surveyor
New Mexico Certificate No. 8278

PROPOSED ROAD TO SERVE
BRININ STOOL "4" STATE NO. 2

ENRON OIL AND GAS COMPANY

2568.4 feet of proposed road in
Section 4, T-24-S, R-33-E, N.M.P.M.,
Lea County, New Mexico

WEST TEXAS CONSULTANTS, INC.

ENGINEERS-PLANNERS-SURVEYORS

MIDLAND, TEXAS

Survey Date: 1-27-99	Date: 1-29-99	Scale: 1" = 1000'
WTC No. 45513	Drawn By: J.J.L.	Sheet 1 of 1

LOCATION VERIFICATION MAP



WTC 45513

SCALE: 1" = 2,000'
CONTOUR INTERVAL=10'

SEC. 4 TWP. 24-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA STATE NM

DESCRIPTION 660' FSL & 1890' FWL

ELEVATION 3616'

OPERATOR ENRON OIL & GAS COMPANY

LEASE BRININ STOOL "4" STATE NO. 2

U.S.G.S. TOPO. MAP
BELL LAKE, N. MEX.

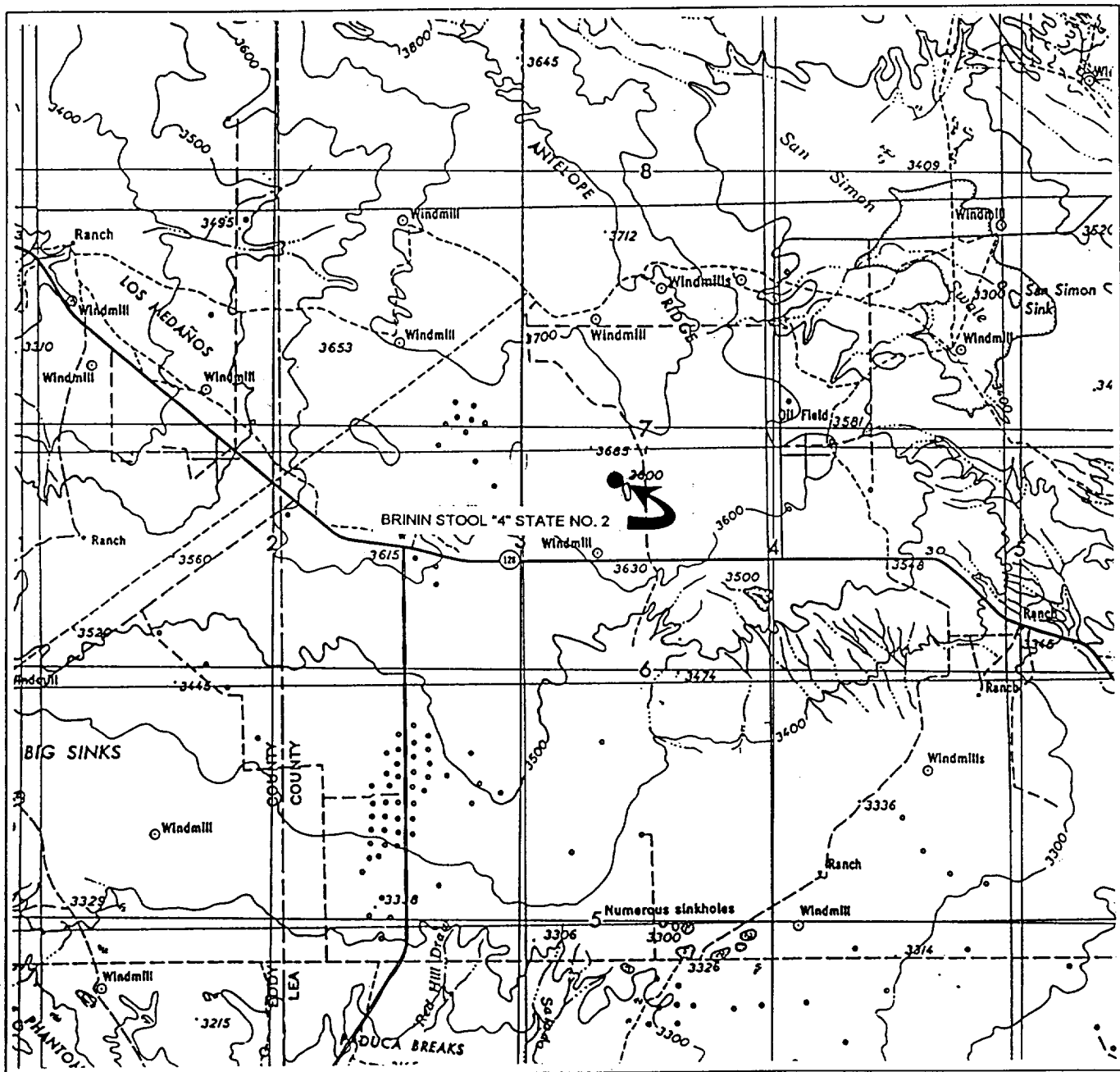
WEST TEXAS CONSULTANTS, INC.

ENGINEERS-PLANNERS-SURVEYORS

MIDLAND, TEXAS

915-685-3800

VICINITY MAP



SCALE: 1" = 4 MILES

WTC 45513

SEC. 4 TWP. 24-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA STATE NM

DESCRIPTION 660' FSL & 1890' FWL

ELEVATION 3616'

OPERATOR ENRON OIL & GAS COMPANY

LEASE BRININ STOOL #4 STATE NO. 2

WEST TEXAS CONSULTANTS, INC.

ENGINEERS-PLANNERS-SURVEYORS

MIDLAND, TEXAS

915-685-3800