

OCD-

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.* 0772

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. BRITT B 50
2. Name of Operator CONOCO INCORPORATED		9. API Well No. 30-025-
3a. Address 10 DESTA DRIVE WEST, SUITE 100 W. MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 915.686.5565 Fx: 915.686.6503	10. Field and Pool, or Exploratory CASS PENN
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 15 T20S R37E SWSE 340' FSL 1660' FEL 770' FSL 1695' FEL		11. County or Parish, and State LEA COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A PD
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Conoco Inc. requests authorization to relocate the originally submitted well location and change the total depth from 7900' to 7150'.

Originally submitted location: 340' FSL - 1660' FEL, Section 15, T20S, R37E, Lea Co. New Mexico.

Requested staked location: 770' FSL - 1695' FEL, Section 15, T20S, R37E, Lea Co. New Mexico.

Thank you.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #12578 verified by the BLM Well Information System For CONOCO INCORPORATED, sent to the Hobbs Committed to AFMSS for processing by Armando Lopez on 07/22/2002 (02AL0022SE)</b>	
Name (Printed/Typed) KIM SOUTHALL	Title SUBMITTING CONTACT
Signature (Electronic Submission)	Date 07/19/2002

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <u>/s/ Mary J. Rugwell</u>	FIELD MANAGER	Date AUG 28 2002
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		CARLSBAD FIELD OFFICE
		Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

DISTRICT II  
811 South First, Artesia, NM 88210

Energy, Minerals and Natural Resources Department

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

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

**OIL CONSERVATION DIVISION**

2040 South Pacheco

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35981	Pool Code 63840	Pool Name WEIR DRINKARD
Property Code 02999	Property Name BRITT "B"	Well Number 50
OGRID No. 005073	Operator Name CONOCO INC.	Elevation 3541'

### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	15	20 S	37 E		770'	SOUTH	1695'	EAST	LEA

## 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
Dedicated Acres 40	Joint or Infill	Consolidation Code		Order No.					

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

<div style="border: 1px dashed black; height: 400px; margin-bottom: 20px;"></div> <div style="border: 1px solid black; padding: 10px; position: relative;"> <div style="position: absolute; top: 0; right: 0; text-align: right;"> Lat.: N32°34'04.5"  Long.: W103°14'10.5" </div> <div style="position: absolute; bottom: 0; right: 0;"> </div> </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <h3 style="text-align: center; margin: 0;">OPERATOR CERTIFICATION</h3> <p style="font-size: small; margin: 5px 0;">I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <div style="margin-top: 10px;"> <div style="text-align: center; font-family: cursive; font-size: 1.2em; margin-bottom: 5px;">Kay Maddox</div> <div style="border-bottom: 1px solid black; width: 100%;"></div> <div style="text-align: center; font-size: small; margin-bottom: 5px;">Signature</div> <div style="text-align: center; font-family: cursive; font-size: 1.2em; margin-bottom: 5px;">KAY MADDOX</div> <div style="border-bottom: 1px solid black; width: 100%;"></div> <div style="text-align: center; font-size: small; margin-bottom: 5px;">Printed Name</div> <div style="text-align: center; font-family: cursive; font-size: 1.2em; margin-bottom: 5px;">Regulatory Agent</div> <div style="border-bottom: 1px solid black; width: 100%;"></div> <div style="text-align: center; font-size: small; margin-bottom: 5px;">Title</div> <div style="text-align: center; font-family: cursive; font-size: 1.2em; margin-bottom: 5px;">7/11/02</div> <div style="border-bottom: 1px solid black; width: 100%;"></div> <div style="text-align: center; font-size: small; margin-bottom: 5px;">Date</div> </div> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <h3 style="text-align: center; margin: 0;">SURVEYOR CERTIFICATION</h3> <p style="font-size: small; margin: 5px 0;">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 belief.</p> <div style="text-align: center; font-size: 1.2em; margin-top: 10px;">JUNE 25, 2002</div> <div style="margin-top: 10px;"> <div style="text-align: center; font-size: small; margin-bottom: 5px;">Date Surveyed</div> <div style="text-align: center; font-size: small; margin-bottom: 5px;">Signature &amp; Seal of Professional Surveyor</div> <div style="text-align: center;"> </div> </div> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <div style="display: flex; justify-content: space-between; font-size: small;"> <span>Certificate No. Gary L. Jones</span> <span>7977</span> </div> <div style="display: flex; justify-content: space-between; font-size: x-small; margin-top: 5px;"> <span>JLP</span> <span>BASIN SURVEYS</span> </div> </div>
---	--

DISTRICT I  
1825 N. French Dr., Hobbs, NM 88240

DISTRICT II  
811 South First, Artesia, NM 88210

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

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised March 17, 1999

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-35981</b>	Pool Code <b>47090</b>	Pool Name <b>MONUMENT TUBB</b>
Property Code <b>02999</b>	Property Name <b>BRITT "B"</b>	Well Number <b>50</b>
OGRID No. <b>005073</b>	Operator Name <b>CONOCO INC.</b>	Elevation <b>3541'</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	15	20 S	37 E		770'	SOUTH	1695'	EAST	LEA

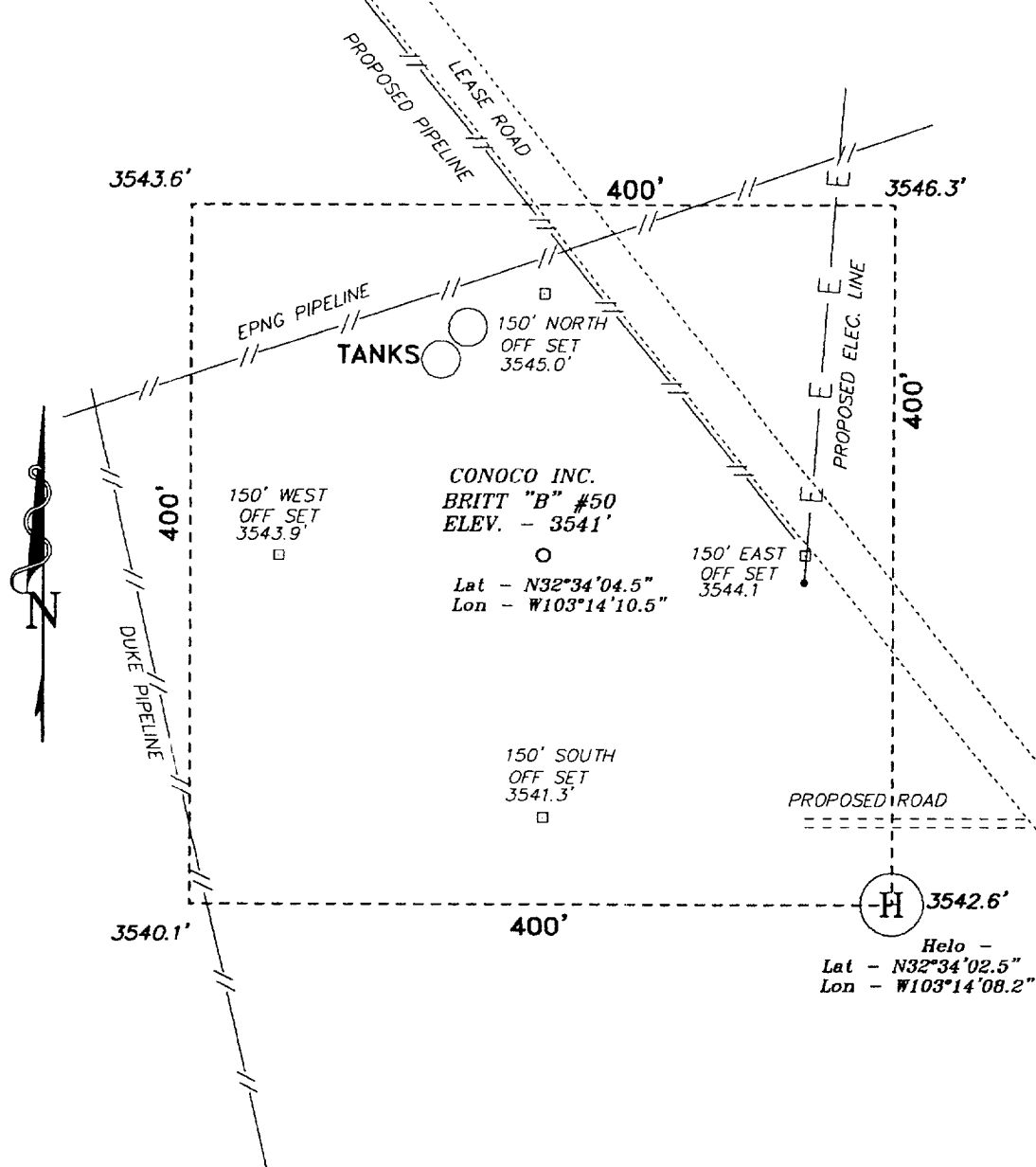
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres <b>80</b>	Joint or Infill	Consolidation Code	Order No.						

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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  <i>Kay Maddox</i> Signature  KAY MADDOX Printed Name <i>Regulatory Agent</i> Title <i>7/11/02</i> Date
	<b>SURVEYOR CERTIFICATION</b>  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 belief.  JUNE 25, 2002 Date Surveyed  <i>[Signature]</i> Signature & Seal of Professional Surveyor  W.O. No. 2580 Certificate No. Gary L. Jones 7977 JLP BASIN SURVEYS

SECTION 15, TOWNSHIP 20 SOUTH, RANGE 37 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.



100 0 100 200 FEET  
SCALE: 1" = 100'

AT MONUMENT GO SOUTH 3.6 MILES ON STATE HWY. 8 TO A LEASE ROAD EAST, THEN GO EAST APPROX. 6500 FEET TO A TEE INTERSECTION, GO SOUTHEAST APPROX. 4000 FEET THE LOCATION IS 200 FEET TO THE RIGHT.

**BASIN SURVEYS** P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 2580 Drawn By: JAMES PRESLEY

Date: 06/27/02 Disk: JLP #1 - 2580A

**CONOCO INC.**

REF: BRITT "B" #50 / Well Pad Topo

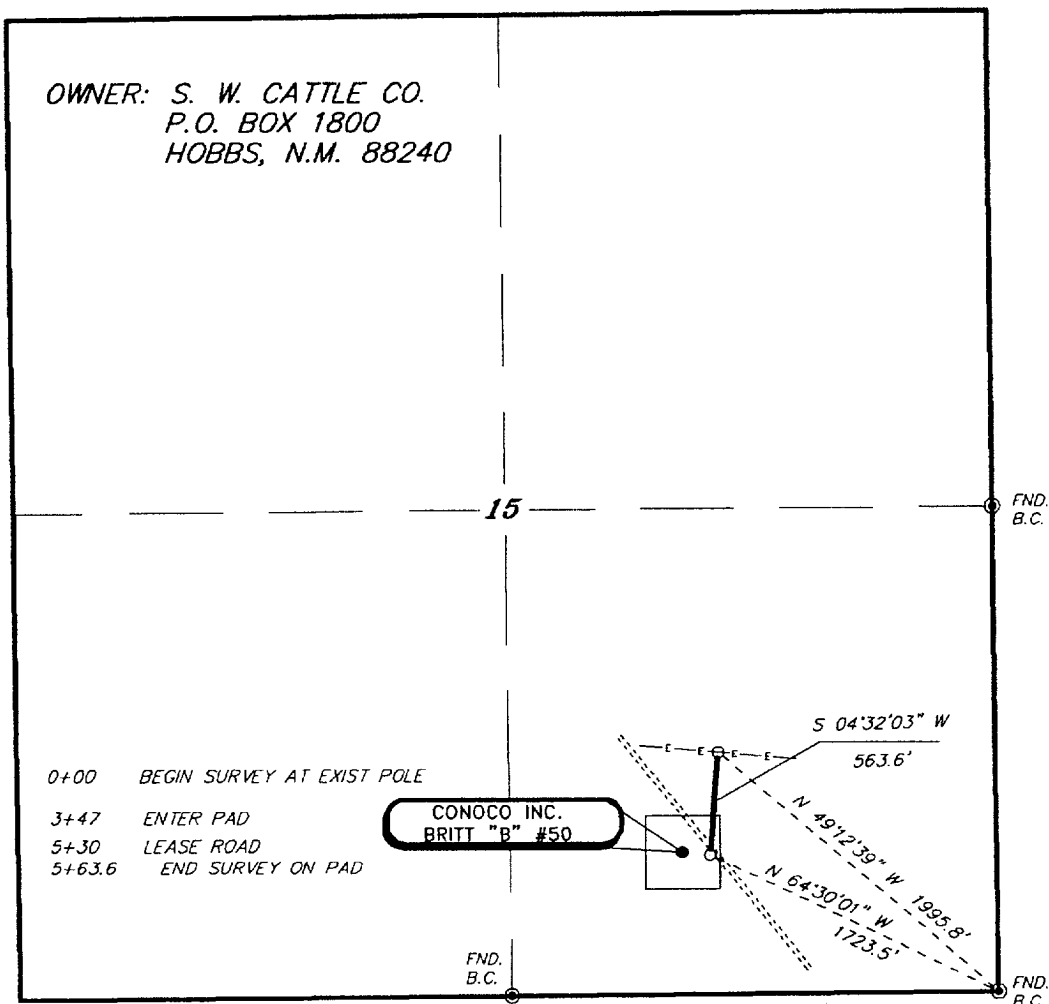
BRITT "B" #50 LOCATED 770' FROM THE SOUTH LINE AND 1695' FROM THE EAST LINE OF SECTION 15, TOWNSHIP 20 SOUTH, RANGE 37 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.

Survey Date: 06/25/02

Sheet 1 of 1 Sheets

SECTION 15, TOWNSHIP 20 SOUTH, RANGE 37 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.

OWNER: S. W. CATTLE CO.  
P.O. BOX 1800  
HOBBS, N.M. 88240



**LEGAL DESCRIPTION**

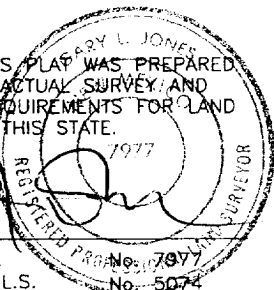
A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 15, TOWNSHIP 20 SOUTH, RANGE 37 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY.

BEGINNING AT A POINT WHICH LIES N.49°12'39"W, 1995.8 FEET FROM THE SOUTHEAST CORNER OF SAID SECTION 15; THENCE S.04°32'03"W, 563.6 FEET TO THE END OF THIS SURVEY WHICH LIES N.64°30'01"W, 1723.5 FEET FROM THE SOUTHEAST CORNER OF SAID SECTION 15. SAID STRIP OF LAND BEING 563.6 FEET OR 34.16 RODS IN LENGTH AND CONTAINS 0.39 ACRES OF LAND MORE OR LESS.

563.6 FEET = 34.16 RODS = 0.39 ACRES

I HEREBY CERTIFY THAT THIS MAP WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

GARY L. JONES N.M. P.S.  
TEXAS P.L.S.



1000 0 1000 2000 FEET

**CONOCO INC.**

REF: PROPOSED ELECTRIC LINE TO CONOCO - BRITT "B" #50

AN ELECTRIC LINE CROSSING FEE LAND IN  
SECTION 15, TOWNSHIP 20 SOUTH, RANGE 37 EAST,  
N.M.P.M., LEA COUNTY, NEW MEXICO.

**BASIN SURVEYS** P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 2491

Drawn By: James Presley

Date: 05/03/02

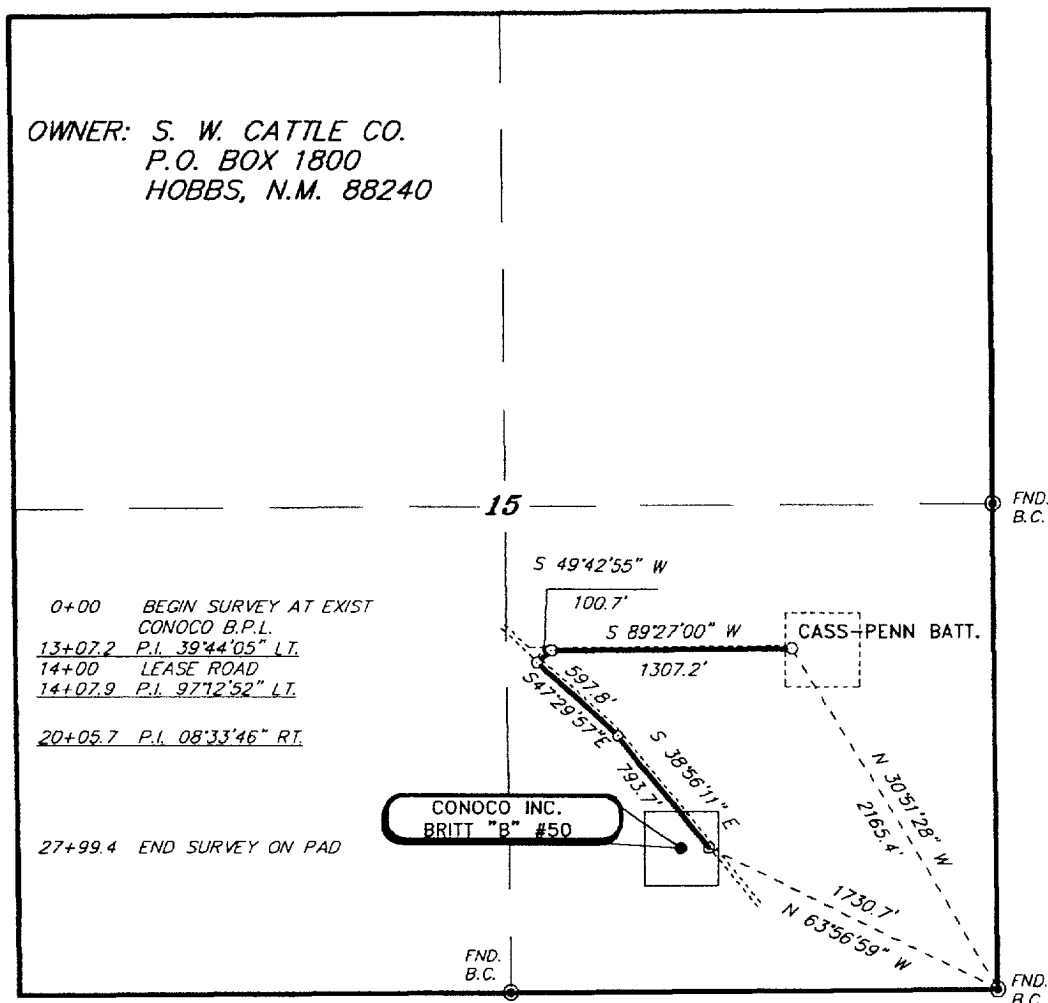
Disk: JLP #1 - CON2491

Survey Date: 05/01/02

Sheet 1 of 1 Sheets

SECTION 15, TOWNSHIP 20 SOUTH, RANGE 37 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.

OWNER: S. W. CATTLE CO.  
P.O. BOX 1800  
HOBBS, N.M. 88240



**LEGAL DESCRIPTION**

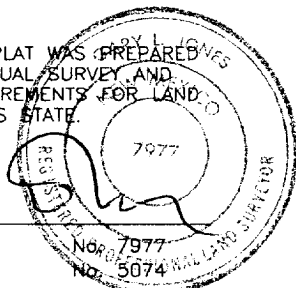
A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 15, TOWNSHIP 20 SOUTH, RANGE 37 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY.

BEGINNING AT A POINT WHICH LIES N.30°51'28\"W., 2165.4 FEET FROM THE SOUTHEAST CORNER OF SAID SECTION 15; THENCE S.89°27'00\"W., 1307.2 FEET; THENCE S.49°42'55\"W., 100.7 FEET; THENCE S.47°29'57\"E., 597.8 FEET; THENCE S.38°56'11\"E., 793.7 FEET TO THE END OF THIS LINE WHICH LIES N.63°56'59\"W., 1730.7 FEET FROM THE SOUTHEAST CORNER OF SAID SECTION 15. SAID STRIP OF LAND BEING 2799.4 FEET OR 169.66 RODS IN LENGTH AND CONTAINS 1.93 ACRES OF LAND MORE OR LESS.

2799.4 FEET = 169.66 RODS = 1.93 ACRES

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

GARY L. JONES N.M. P.S.  
TEXAS P.L.S.



**Basin Surveys** P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 2491

Drawn By: James Presley

Date: 05/03/02

Disk: JLP #1 - CON2491



**CONOCO INC.**

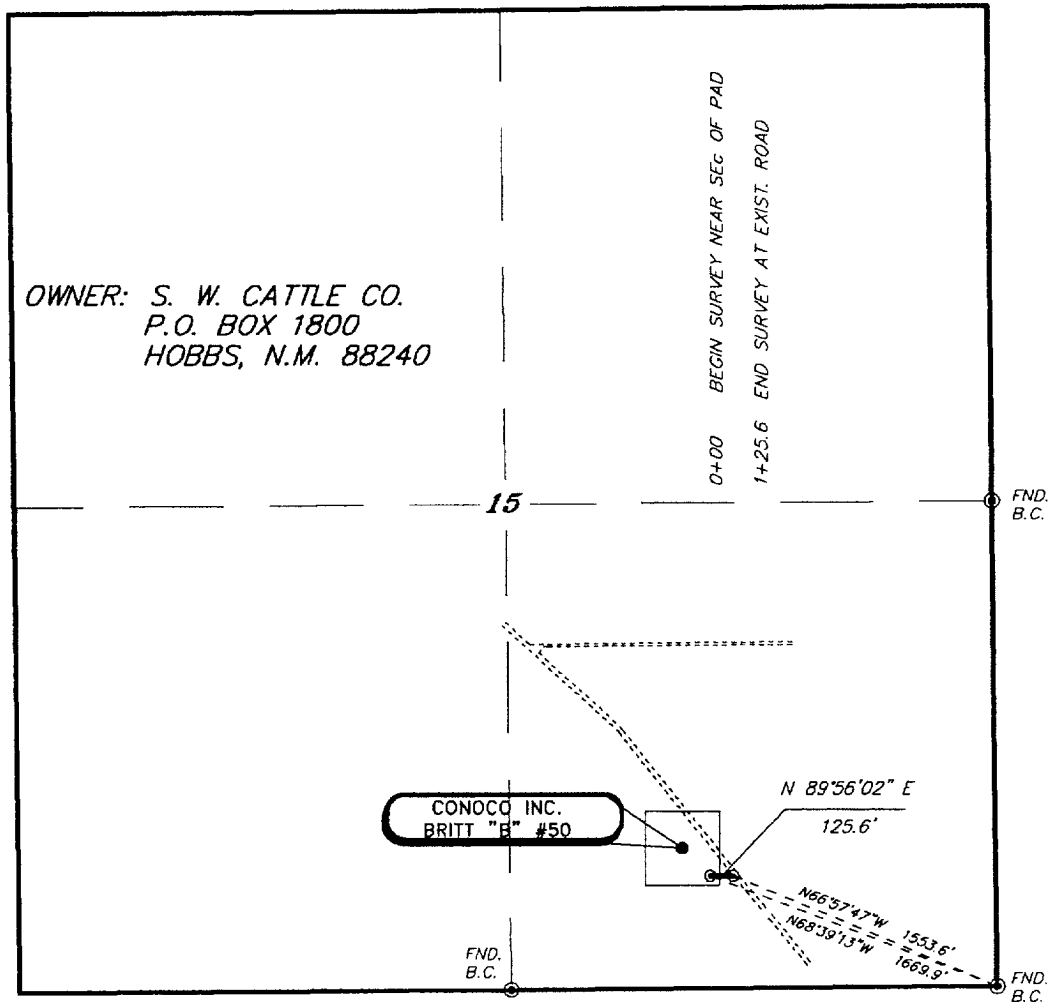
REF: PROPOSED PIPELINE TO CONOCO - BRITT "B" #50

A PIPELINE CROSSING FEE LAND IN  
SECTION 15, TOWNSHIP 20 SOUTH, RANGE 37 EAST,  
N.M.P.M., LEA COUNTY, NEW MEXICO.

Survey Date: 05/01/02

Sheet 1 of 1 Sheets

SECTION 15, TOWNSHIP 20 SOUTH, RANGE 37 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.



**LEGAL DESCRIPTION**

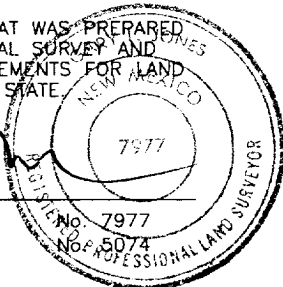
A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 15, TOWNSHIP 20 SOUTH, RANGE 37 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY.

BEGINNING AT A POINT WHICH LIES N.68°39'13"W., 1669.9 FEET FROM THE SOUTHEAST CORNER OF SAID SECTION 15; THENCE N.89°56'02"E., 125.6 FEET TO THE END OF THIS LINE WHICH LIES N.66°57'47"W., 1553.6 FEET FROM THE SOUTHEAST CORNER OF SAID SECTION 15. SAID STRIP OF LAND BEING 125.6 FEET OR 7.61 RODS IN AND CONTAINS 0.09 ACRES MORE OR LESS.

125.6 FEET = 7.61 RODS = 0.09 ACRES

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

*Gary L. Jones*  
GARY L. JONES N.M. P.S.  
TEXAS P.L.S.



**BASIN SURVEYS** P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 2491 Drawn By: James Presley

Date: 05/03/02 Disk: JLP #1 - CON2491

1000 0 1000 2000 FEET

**CONOCO INC.**

REF: PROPOSED ROAD TO CONOCO - BRITT "B" #50

A ROAD CROSSING FEE LAND IN  
SECTION 15, TOWNSHIP 20 SOUTH, RANGE 37 EAST,  
N.M.P.M., LEA COUNTY, NEW MEXICO.

Survey Date: 05/01/02 Sheet 1 of 1 Sheets

# PROPOSED LL PLAN OUTLINE

WELL NAME  
LOCATION

Britt Fed #50  
770' FSL & 1695' FEL, Sec 15, T20S, R37E, Lea County, NM

Ground Level : 3541' est  
Kelly Bushing: 11' AGL

Depth MD	FORMATION TOPS (from GL)	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING PROGRAM	FRAC GRAD	FORM. PRES. GRAD.	Mud Weight & Type	Days
0		Possible Hole Enlargement & Sloughing		12-1/4"			Less than 8.3	8.4 - 9.5 Fresh	
1000									
	Top Salt @ 1,296'				8-5/8", 24#, J-55 ST&C @ 1,280'				3
		Washouts in Salt Section		7-7/8"	Circulate Cement			10 Brine	
2000							Less than 8.4		
	Base Salt @ 2,481'		Mud Loggers @ 2,600'						
	Yates 2,631'		H2S monitor equipment on @ 2,600'						
	7 Rivers 2,891'								
3000									
	Queen 3,406'								
	Penrose 3,606'								
	Gravburg 3,686'								
	San Andres 3,821'								
4000									
		Mud loss in San Andres is likely. Possible loss of returns.							
5000									8
	Glorietta 5,161'	Possible differential sticking thru Glorietta							
		Possible lost returns.							
	Blinberry 5,766'	Differential sticking in Blinberry							
6000									
	Tubb 6,306'								15
	Drinkard 6,606'								
7000	Abo 6,906'		First Log Run: PEX_HALS_BHC SONIC TD - 2500' Pull GR-CNL-Cal to Surf NGT - TD - 5600'					10 ppq Starch Gel	
	TD 7150'		Second Log Run: 30-60 rotary sidewall cores						
		Lost of full returns is likely upon drilling into Strawn.	Possible Third Run: FMI imaging log		5-1/2", 17#, L-80				18
		Offset data from:			Circulate cement either single or 2 stage				
8000									

DATE

19-Jul-02

Ron Keas, Geoscientist

APPROVED

YP Ortiz, Drilling Engineer

Josh Viets, Reservoir Engineer



**Britt fed #50**  
**PROPOSED CASING & CEMENT PLAN**

Surface casing size:	8-5/8", 24#, J-55, ST&C	Casing OD:	8.625 in
Surface casing depth:	1,280 ft	Casing ID:	8.097 in
Hole size:	12.25 in	Shoe jt length:	40 ft
Static temperature:	89 deg F	Lead Excess:	101 %
Circulating temperature:	85 deg F	Tail Excess:	106 %
Lead:	400 sx	Cl C + 0.25 pps Cello Flake + 0.005 gps FP-6L + 2% Sodium Metasilicate	
Tail:	200 sx	Cl C + 2% CaCl + 0.005 gps FP-6L	
<b>Properties</b>		<b>Lead</b>	<b>Tail</b>
Slurry Weight (ppg)		12.4	14.8
Slurry Yield (cfps)		2.15	1.34
Mix Water (gps)		12.33	6.35
Pump time - 70 BC (HH:MM)		6:25	2:20
Free Water (mls) @ 80 deg F @ 90 deg angle		0	0
Fluid Loss (cc/30 min) @ 1000 psi and 80 deg F		854	900
Compressive Strength (psi)			
12 hrs @	89 deg F	124	1200
24 hrs @	89 deg F	250	2500

Production casing size:	5-1/2", 17#, J55, LT&C	Casing OD:	5.500 in
Production casing depth:	7,150 ft	Casing ID:	4.892 in
Hole size:	7.875 in	Shoe jt length:	80 ft
Static temperature:	129 deg F	Lead Excess:	51 %
Circulating temperature:	122 deg F	Tail Excess:	51 %
Lead:	500 sx	50:50 Poz:Cl C + 5% bwow NaCl + 0.25 pps Cello Flake + 0.005 gps FP-6L + 10% Bentonite	
Tail:	400 sx	15:61:11 Poz:Cl C:CSE + 5% bwow NaCl + 1% FL-62 + 0.005 gps FP-6L	
<b>Properties</b>		<b>Lead</b>	<b>Tail</b>
Slurry Weight (ppg)		11.85	13.6
Slurry Yield (cfps)		2.41	1.49
Mix Water (gps)		13.79	7.31
Pump time - 70 BC (HH:MM)		2:58	2:31
Free Water (mls) @ 80 deg F @ 90 deg angle		1	0
Fluid Loss (cc/30 min) @ 1000 psi and 80 deg F		792	62
Compressive Strength (psi)			
12 hrs @	124 deg F	50	1013
24 hrs @	124 deg F	175	1875