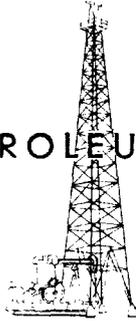


TAMARACK PETROLEUM COMPANY, INC.



1485 ONE FIRST CITY CENTER
MIDLAND, TEXAS 79701

TELEPHONE: 683-5474

July 29, 1986

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501
Attention: Mr. R. L. Stamets - Director

RE: Application to Expand Waterflood
in the Bronco Wolfcamp Pool
Lea County, New Mexico

Dear Sir:

Enclosed is our Application to Convert The Bronco Wolfcamp Unit No. 7 Producing Well to Water Injection. Tamarack Petroleum Co., Inc. requests this application be approved administratively. All the required application information is attached to the original and copy, the duplicate is mailed to the district office in Hobbs. Should additional information or other request be necessary, please contact me at the above address.

Very truly yours,

A handwritten signature in cursive script that reads "Randy A. McClay".

Randy A. McClay
Engineering Manager

cc: Hobbs District
Attention: Jerry Sexton

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: Secondary Recovery Pressure Maintenance Disposal Storage
Application qualifies for administrative approval? Yes No

II. Operator: Tamarack Petroleum Co., Inc.

Address: 500 W. Texas, Suite 1485; Midland, TX 79702

Contact party: Randy A. McClay Phone: 915-683-5474

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? yes no
If yes, give the Division order number authorizing the project R-4529 & R4528

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail. SEE ATTACHED

VII. Attach data on the proposed operation, including: SEE ATTACHED

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval. SEE ATTACHED

IX. Describe the proposed stimulation program, if any. SEE ATTACHED

X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.) SEE ATTACHED

XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken. SEE ATTACHED

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water. SEE ATTACHED

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Randy A. McClay Title: Engineering Manager

Signature: *Randy A. McClay* Date: July , 1986

If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

Application for Waterflood Hearing NMOCC May 9, 1973

Case No. 4960 Order No. R-4529 & Application for Unitization Hearing NMOCC May 9, 1973 Case No. 4959 Order No. R-4529

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division district office

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Hollis W. Harris
1110 Clyde
Amarillo, TX 79106

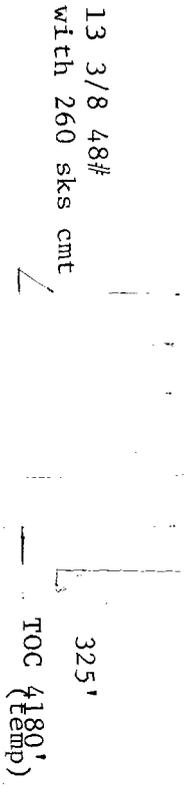
INJECTION WELL DATA SHEET

SIDE 1

OPERATOR Tamarack Petroleum Co., Inc. LEASE Bronco Wolfcamp Unit

WELL NO. 7 FOOTAGE LOCATION 2110' FSL & 1813' FWT SECTION J-2-13S-38E TOWNSHIP 1 RANGE 1

Schematic



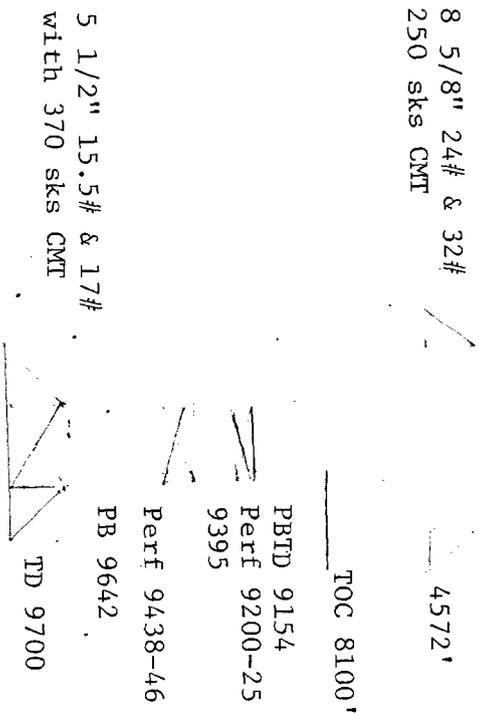
Tabular Data

<u>Surface Casing</u>	
Size	13 3/8"
TOC	Surface
Hole size	17 1/2"

<u>Intermediate Casing</u>	
Size	8 5/8"
TOC	TOC 8100' (temp)

<u>Hole size</u>	
Size	5 1/2"
TOC	8100
Hole size	7 7/8"
Total depth	9700

Injection Interval 9068 feet to 1 9100 feet
 (perforated or open-hole, indicate which)



8 5/8" 24# & 32#
 250 sks CMT
 13 3/8 48#
 with 260 sks cmt
 5 1/2" 15.5# & 17#
 with 370 sks CMT

ATTACHMENT FOR APPLICATION FOR AUTHORIZATION TO INJECT

VI

WELL	TYPE	CONSTRUCTION CSG DEPTH	DATE COMPLETED	LOCATION
Tamarack Petroleum Company, Inc.				
BWCU #4	INJ	5½ @ 11,874	6/24/63 - TOC @ 7304	B-2-13S-38E
BWCU #9	PROD	5½ @ 9183	11/15/80 - TOC @ 7000	A-2-13S-38E
BWCU #6	PROD	5½ @ 9143	8/20/62 - TOC @ 7040	G-2-13S-38E
Tenneco Harris #1	PROD	5½ @ 9216	2/1/83 - TOC @ 6000	I-2-13S-38E
BWCU #7	PROPOSED INJ	5½ @ 9700	4/27/62 - TOC @ 8000	J-2-13S-38E
BWCU #8	INJ	5½ @ 9142	7/6/62 - TOC @ 7500	K-2-13S-38E

Texas Oil & Gas

Brownfield#1	PROD	4½ @ 9670	6/5/85	Sec. 358, Blk D, Gibson Survey, Yoakum Co., TX
Brownfield#2	P&A PROD	4½ @ 9690	8/16/85	

VII

1. Anticipated Average Daily Injection - 500
Maximum Daily Injection - 1500
2. Closed System
3. Anticipated Average Pressure - 1100
Maximum Pressure - 1600
4. Produced water from Bronco Devonian and Bronco Wolfcamp

VIII

Geologic Data Previously Submitted

IX

No Stimulation Anticipated

X

Logs Previously Submitted

XI

Sample #1 1/4 mile NE of Unit Well No. 7
Sample #2 400 feet West of Unit Well No. 7

XII

There are no open faults or any other hydrologic connection between the injection zone and any underground source of drinking water based on the available geologic and engineering data

WATER ANALYSIS REPORT
furnished by TRETOLITE CHEMICALS

COMPANY: TAMARACK
LEASE: BWCU
SAMPLE POINT: #1 (NE OF BWCU #7) 1/2 mi. N. E. of
SAMPLE DATE: 7-3-86

pH: 7.1
H2S: -
SPECIFIC GRAVITY: 1

TITRATED AND CALCULATED IONS

	MILLIGRAMS PER LITER	MILLIEQUIVALENTS PER LITER
HCO3	378.20	6.20
Cl	850.80	23.97
SO4	50.00	1.04
Ca	480.00	24.00
Mg	0.00	0.00
Na	165.78	7.21

IONIC STRENGTH = 0.04
TOTAL HARDNESS = 1200.0 mg/ltr.
TOTAL DISSOLVED SOLIDS = 1924.8 mg/ltr.

PROBABLE MINERAL COMPOSITION AND ION PAIRING

	MILLIEQUIVALENTS PER LITER	MILLIGRAMS PER LITER
Ca (HCO3)2	6.20	502.45
CaSO4	1.04	70.91
CaCl2	16.76	930.09
Mg (HCO3)2	0.00	0.00
MgSO4	0.00	0.00
MgCl2	0.00	0.00
NaHCO3	0.00	0.00
Na2SO4	0.00	0.00
NaCl	7.21	421.37

CALCULATED SCALING TENDENCIES

SCALING INDEX

CaCO3 @ 80 DEG F. = 0.9
CaCO3 @ 120 DEG F. = 1.2

SATURATION POINT

CaSO4 @ 70 DEG F. = 1758.0 MG/LTR.
CaSO4 @ 110 DEG F. = 1812.2 MG/LTR.

(THIS SAMPLE CONTAINED 70.9 MG/LTR. CaSO4)

WATER ANALYSIS REPORT
furnished by TRETOLITE CHEMICALS

COMPANY: TAMARACK
LEASE: BWCU
SAMPLE POINT: #2 (WEST OF BWCU #7)
SAMPLE DATE: 7-3-86

pH: 7.1
H2S: -
SPECIFIC GRAVITY: 1

TITRATED AND CALCULATED IONS

	MILLIGRAMS PER LITER	MILLIEQUIVALENTS PER LITER
HCO3	341.60	5.60
Cl	1063.00	29.94
SO4	25.00	0.52
Ca	455.00	22.75
Mg	0.00	0.00
Na	306.23	13.31

IONIC STRENGTH = 0.05
TOTAL HARDNESS = 1050.0 mg/ltr.
TOTAL DISSOLVED SOLIDS = 2190.6 mg/ltr.

PROBABLE MINERAL COMPOSITION AND ION PAIRING

	MILLIEQUIVALENTS PER LITER	MILLIGRAMS PER LITER
Ca (HCO3) 2	5.60	453.82
CaSO4	0.52	35.45
CaCl2	16.63	922.92
Mg (HCO3) 2	0.00	0.00
MgSO4	0.00	0.00
MgCl2	0.00	0.00
NaHCO3	0.00	0.00
Na2SO4	0.00	0.00
NaCl	13.31	778.37

CALCULATED SCALING TENDENCIES

SCALING INDEX

CaCO3 @ 80 DEG F. = 0.8
CaCO3 @ 120 DEG F. = 1.2

SATURATION POINT

CaSO4 @ 70 DEG F. = 1775.3 MG/LTR.
CaSO4 @ 110 DEG F. = 1829.7 MG/LTR.

(THIS SAMPLE CONTAINED 35.5 MG/LTR. CaSO4)

Bronco Wolfcamp #7

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

1, _____

Robert L. Summers

of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not in a supplement thereof for a period

of _____

One weeks.

Beginning with the issue dated

July 11, 1986

and ending with the issue dated

July 11, 1986

Publisher.

Sworn and subscribed to before

me this 11 day of

July, 1986

Vera Murphy
Notary Public.

My Commission expires _____

Nov. 14, 1988

(Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

LEGAL NOTICE
JULY 11, 1986

NOTICE OF APPLICATION
FOR FLUID INJECTION

Tamarack Petroleum Company, Inc. 500 West Texas Suite 1485 Midland, TX 79701, (915) 683-5474, Randy A. McClay, Engineering Manager, is making application to the New Mexico Oil Conservation Commission for permission to inject fluid into a formation productive of oil or gas.

The applicant proposes to inject produced water in Bronco Wolfcamp Unit Well No. 7 J-2-135-38E into the Wolfcamp Formation from 9068-9100 feet, for the purpose of secondary recovery.

The maximum injection will be 700 barrels of water at 1600 psig.

Interested parties must file objection or requests for hearing with the Oil Conservation Commission Division, P.O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

PS Form 3811, Apr 1977
RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

SENDER Complete items 1, 2, and 3
Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one). 70c
 Show to whom and date delivered. c
 Show to whom, date, and address of delivery. c
 RESTRICTED DELIVERY
 Show to whom and date delivered. c
 RESTRICTED DELIVERY
 Show to whom, date, and address of delivery. \$ c
 (CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO
 TXO Production Co.
 415 W. Wall
 Midland, TX 79701

3. ARTICLE DESCRIPTION
 REGISTERED NO. | CERTIFIED NO. | INSURED NO.
 | 189062 | |

(Always obtain signature of addressee or agent)

I have received the article described above.
 SIGNATURE Addressee Authorized agent

4. DATE OF DELIVERY | POSTMARK
 7-21-86 |

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: | CLERK'S INITIALS

☆GPO: 1977-0-249-595

PS Form 3811, Apr 1977
RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

SENDER Complete items 1, 2, and 3
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 RESTRICTED DELIVERY
 Show to whom, date, and address of delivery. \$ c
 (CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
 Hollis W. Harris
 1110 Clyde
 Amarillo TX 79106

3. ARTICLE DESCRIPTION
 REGISTERED NO. | CERTIFIED NO. | INSURED NO.

(Always obtain signature of addressee or agent)

I have received the article described above.
 SIGNATURE Addressee Authorized agent

4. DATE OF DELIVERY | POSTMARK
 7-28-86 |

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: | CLERK'S INITIALS

☆GPO: 1977-0-249-595

PS Form 3811, Apr 1977
RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

SENDER Complete items 1, 2, and 3
Add your address in the "RETURN TO" space on reverse.

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 RESTRICTED DELIVERY
 Show to whom and date delivered. c
 RESTRICTED DELIVERY
 Show to whom, date, and address of delivery. \$ c
 (CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO
 Amerada Hess Corp.
 P O Box 840
 Seminole TX 79360

3. ARTICLE DESCRIPTION
 REGISTERED NO. | CERTIFIED NO. | INSURED NO.

(Always obtain signature of addressee or agent)

I have received the article described above.
 SIGNATURE Addressee Authorized agent

4. DATE OF DELIVERY | POSTMARK
 7-18-86 |

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: | CLERK'S INITIALS

☆GPO: 1977-0-249-595

PS Form 3811, Apr 1977
RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

SENDER Complete items 1, 2, and 3
Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one). 70c
 Show to whom and date delivered. c
 Show to whom, date, and address of delivery. c
 RESTRICTED DELIVERY
 Show to whom and date delivered. c
 RESTRICTED DELIVERY
 Show to whom, date, and address of delivery. \$ c
 (CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
 ARCO Oil&Gas Co.
 P. O. Box 1610
 Midland, TX 79702

3. ARTICLE DESCRIPTION
 REGISTERED NO. | CERTIFIED NO. | INSURED NO.

(Always obtain signature of addressee or agent)

I have received the article described above.
 SIGNATURE Addressee Authorized agent

4. DATE OF DELIVERY | POSTMARK
 7-18-86 |

5. ADDRESS (Complete only if requested)
 ARCO OIL & GAS
 BX 1610

6. UNABLE TO DELIVER BECAUSE: | CLERK'S INITIALS

☆GPO: 1977-0-249-595

TAMARACK PETROLEUM COMPANY, INC.



1485 ONE FIRST CITY CENTER
MIDLAND, TEXAS 79701

TELEPHONE: 683-5474

September 5, 1986

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87504

Attention: David Catanach

Re: Tamarack Request to Expand
Bronco Wolfcamp Unit Waterflood
Lea County, New Mexico

Dear Mr. Catanach:

Enclosed are copies of the Texas Railroad Commission's form W-2 for TXO Production Corp.'s Brownfield Wells No. 1 and No. 2. These forms include all the information you requested by phone on September 4, 1986. Also enclosed is form W-3 for the Brownfield No. 2 well which is now plugged and abandoned. A sketch of this information on the plugged well is also enclosed for your records.

Please contact me at the above address with regards to further information on Tamarack's application.

Yours very truly,

Randy A. McClay
Engineering Manager

RAM:jj

Enclosures

SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

24. Type of Completion: New Well Deepening Plug Back Other

25. Permit to Drill. DATE PERMIT NO.
 Plug Back or Deepen 3-21-85 269009
 Rule 37 CASE NO.
 Exception
 Water Injection PERMIT NO.
 Permit
 Salt Water Disposal PERMIT NO.
 Permit
 Other PERMIT NO.

26. Notice of Intention to Drill this well was filed in Name of
 TXO Production Corp.

27. Number of producing wells on this lease in this field (reservoir) including this well 1
 28. Total number of acres in this lease 320

29. Date Plug Back, Deepening, WorkOver or Drilling Operations: Commenced 5-7-85 Completed 5-28-85
 30. Distance to nearest well, Same Lease & Reservoir N/A

31. Location of well, relative to nearest lease boundaries of lease on which this well is located 660 Feet From West Line and 3300 Feet from North Line of the Brownfield Lease

32. Elevation (DF, RKB, RT, GR, ETC.) 3796GL & 3807KB
 33. Was directional survey made other than inclination (Form W-12)? Yes No

34. Top of Pay 9548 35. Total Depth 9670 36. P. B. Depth 9635
 37. Surface Casing Determined by: Field Rules Recommendation of T.D.W.R. Railroad Commission (Special)
 Dt. of Letter 1/31/85

38. Is well multiple completion? No
 39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR
 40. Intervals Drilled by: Rotary Tools Cable Tools X
 41. Name of Drilling Contractor FWA
 42. Is Cementing Affidavit Attached? Yes No

43. CASING RECORD (Report All Strings Set in Well)

CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
13 3/8	48#	450		475sx "C"	17 1/2	Surface	627
8 5/8	32#, 28# & 24#	4712		410sx 35/65	11		
				350sx "C"		2350	1270
4 1/2	11.6#	9670		425sx "H"	7 7/8	8220	

44. LINER RECORD

Size	TOP	Bottom	Sacks Cement	Screen

45. TUBING RECORD

Size	Depth Set	Packer Set	From	To
2 3/8	9414	9414	9548	9614
			From	To
			From	To
			From	To

46. Producing Interval (this completion) indicate depth of perforation or open hole

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Depth Interval	Amount and Kind of Material Used
9548-9614	3 1/8" gun, 24 holes, spt w/250 gal 15% HCL

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)

Formations	Depth	Formations	Depth
Clearfork	6896	Wolfcamp	9060
Tubb	7248		
Wichta Albany	7942		

REMARKS

R ROAD COMMISSION OF TEXAS
Oil and Gas Division

Form W-2
Rev. 4/1/83
483-046

Type or print only

Oil Well Potential Test, Completion or Recompletion Report, and Log				API No. 42-501-32903		7. RRC District No. 8A	
				8. RRC Lease No. 65368			
1. FIELD NAME (as per RRC Records or Wildcat) Bronco (Wolfcamp)		2. LEASE NAME Brownfield		9. Well No. 2			
3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) TXO Production Corp.			RRC Operator No. 875230		10. County of well site Yoakum		
4. ADDRESS 900 Wilco Bldg. Midland, TX 79701				11. Purpose of filing			
5. If Operator has changed within last 60 days, name former operator				Initial Potential <input checked="" type="checkbox"/>			
6a. Location (Section, Block, and Survey) Sec. 358, Blk D, J.H. Gibson				6b. Distance and direction to nearest town in this county. 14 miles NW from Gibson			
12. If workover or reclass, give former field (with reservoir) & gas ID or oil lease no. FIELD & RESERVOIR		GAS ID or OIL LEASE #	Oil - O Gas - G	WELL NO.		Retest <input type="checkbox"/>	
						Reclass <input type="checkbox"/>	
						Well record only <input type="checkbox"/> (explain in Remarks)	
13. Type of electric or other log run DIL, Neutron Density				14. Completion or recompletion date 8-14-85			

SECTION I: POTENTIAL TEST DATA IMPORTANT: Test should be for 24 hours unless otherwise specified in field rules.

15. Date of test 8-16-85		16. No. of hours tested 24		17. Production method (Flowing, Gas Lift, Jetting, Pumping— Size & Type of pump) Pumping		18. Choke size N/A	
19. Production during Test Period		Oil - BBLs 132	Gas - MCF 75	Water - BBLs 23	Gas - Oil Ratio 568	Flowing Tubing Pressure N/A PSI	
20. Calculated 24-Hour Rate		Oil - BBLs 132	Gas - MCF 75	Water - BBLs 23	Oil Gravity—API—60° 40.2	Casing Pressure 25 PSI	
21. Was swab used during this test? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			22. Oil produced prior to test (New & Reworked wells) 210			23. Injection Gas—Oil Ratio N/A	
REMARKS:							

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

<p>WELL TESTER'S CERTIFICATION I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.</p>		
<p><i>Alicia Henderson</i> Signature: Well Tester</p>	<p>TXO Production Corp. Name of Company</p>	<p>_____ RRC Representative</p>

<p>OPERATOR'S CERTIFICATION I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.</p>		
<p>Alicia Henderson Typed or printed name of operator's representative</p>		
<p>(915) 682-7992 Telephone: Area Code Number</p>	<p>8 / 20 / 85 Date: mo. day year</p>	<p>Engr. Asst. Title of Person <i>Alicia Henderson</i> Signature</p>

31. Was Well filled with Mud-Laden Fluid, according to the regulations of the Railroad Commission <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		32. How was Mud Applied? <u>Circulated</u>	33. Mud Weight <u>14.8</u> LBS/GAL
34. Total Depth <u>9690</u>	Other Fresh Water Zones by T.D.W.R. TOP _____ BOTTOM _____ _____ _____	35. Have all Abandoned Wells on this Lease been Plugged according to RRC Rules? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Depth of Deepest Fresh Water <u>310</u>	36. If NO, Explain		
37. Name and Address of Cementing or Service company who mixed and pumped cement plugs in this well <u>The Western Co.</u>			Date RRC District Office notified of plugging <u>6-10-86</u>
38. Names and Addresses of Surface Owner of Well Site and Operators of Offset Producing Leases <u>See attached sheets.</u>			
39. Was Notice Given Before Plugging to Each of the Above? <u>Yes</u>			
FILL IN BELOW FOR DRY HOLES ONLY			
40. For Dry Holes, this Form must be accompanied by either a Driller's, Electric, Radioactivity or Acoustical/Sonic Log or such Log must be released to a Commercial Log Service.			
<input type="checkbox"/> Log Attached		<input type="checkbox"/> Log released to _____ Date _____	
Type Logs:			
<input type="checkbox"/> Driller's		<input type="checkbox"/> Electric	
<input type="checkbox"/> Radioactivity		<input type="checkbox"/> Acoustical/Sonic	
41. Date FORM P-8 (Special Clearance) Filed?			
42. Amount of Oil produced prior to Plugging _____ bbls*			
* File FORM P-1 (Oil Production Report) for month this oil was produced			
RRC USE ONLY			
Nearest Field _____			

REMARKS _____

9 5 86

RAM

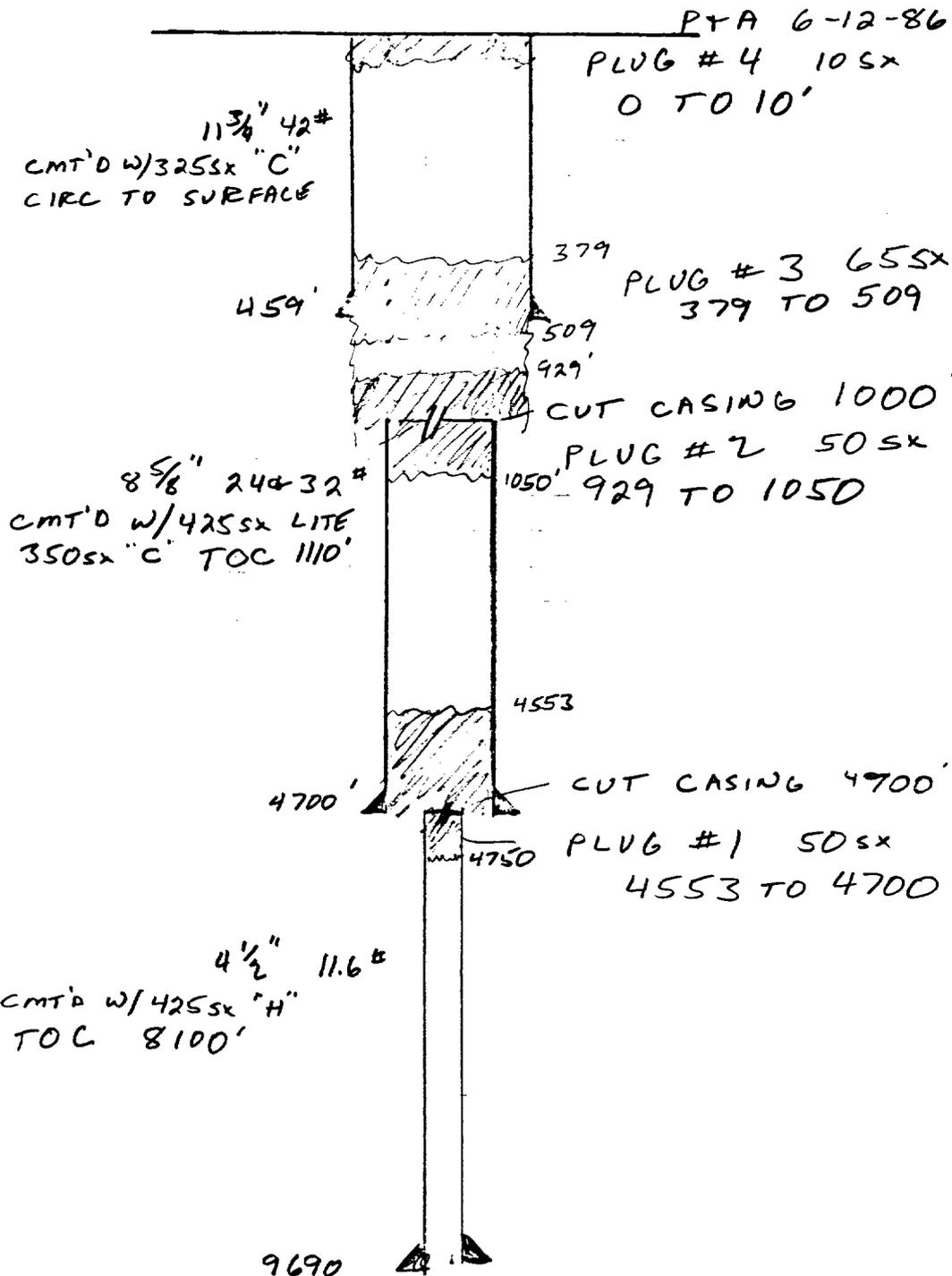
TXO PRODUCTION CORP.

TEXAS

FIELD : BRONCO WOLF CAMP
LEASE : BROWN FIELD
UNIT NO.: WELL NO 2

KB : 3801 KB
PDR : 379 DGL

WELL NO _____





STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
 OIL CONSERVATION DIVISION
 HOBBS DISTRICT OFFICE

TOMMY ANAYA
 GOVERNOR

August 1, 1986

POST OFFICE BOX 1980
 HOBBS, NEW MEXICO 88240
 (505) 393-6161

OIL CONSERVATION DIVISION
 P. O. BOX 2088
 SANTA FE, NEW MEXICO 87501

RE: Proposed:
 MC _____
 DHC _____
 NSL _____
 NSP _____
 SWD _____
 WFX XX _____
 PMX _____

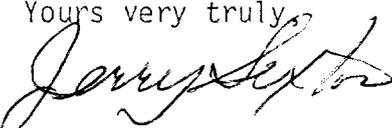
Gentlemen:

I have examined the application for the:

Tamarack Petroleum Co. Inc.	Bronco Wolfcamp Unit #7-J	2-13-38
Operator	Lease & Well No. Unit	S-T-R

and my recommendations are as follows:

 OK -- Jerry Sexton

Yours very truly,

 Jerry Sexton
 Supervisor, District 1

/mc

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE