PETROLEUM PRODUCERS

400 WEST ILLINOIS SUITE 1100 MIDLAND, TEXAS 79701 TELEPHONE (915) 682-5216 September 3, 1987

Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87504

RE: MWJ-Saunders 16 State #1 660' FEL & 1980' FSL Sec 16, T-14S, R-33E Lea County, New Mexico

Gentlemen:

Enclosed please find Form C-101, C-102, map, schematic and waiver letters for the directional drilling of the above captioned. The 5-1/2" casing has collapsed in this well and we plan to whipstock and drill a new production hole that will have a bottom hole location of 330' FEL and 2310' FSL. This well will be drilled to approximately 10,100'.

We would like to ask that the commission approve the drilling of this well as it is a standard location and all offset operators have signed waivers. Thank you for your consideration.

Very truly yours,

-MWJ-PRODUCING COMPANY

Pat Drexler

pd Enclosures

SAUNDERS 16 STATE 1

OFFSET OPERATORS

TEXACO, INC. P. O. BOX 3109 MIDLAND, TEXAS 79702

TAMARACK PETROLEUM CO., INC. P. 0. 2048; MIDLAND, TEXAS 79702

CHEVRON.U. S. A., INC. P. O. BOX 670 HOBBS, NEW MEXICO 88240 Texaco USA
Producing Department

PO Box 3109 Midland TX 79702

September 3, 1987

New Mexico Oil Conservation Commission P. O. Box 2088
Santa Fe, New Mexico 87501

RE: <u>MWJ - SAUNDERS 16 STATE 1-Y</u> 660' FEL and 1980' FSL Section 16, T-14-S, \$-33-E

Lea County, New Mexico

Waiver Request

Gentlemen:

Texaco Inc., as an offset operator, hereby waives any objection to the request of MWJ Producing Company to sidetrack drill the above captioned well.

It is understood that the bottom hole location of the well is not closer than 330' from Texaco's State of New Mexico "BG" or State of New Mexico "AT" Leases as indicated by the directional well survey.

Yours very truly,

James N. Cox ISL

James W. Cox Engineering Manager

APR/so

Texaco USA
Producing Department

PO Box 3109 Midland TX 79702

September 3, 1987

New Mexico Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501

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James W. Cox

Engineering Manager

James N. Cox B.D.

APR/so

RULE 108. DEFECTIVE CASING OR CEMENTING

If any well appears to have a defective casing program or faultily cemented or corroded casing which will permit or may create underground waste or contamination of fresh waters, the operator shall give written notice to the Division within five (5) working days and proceed with diligence to use the appropriate method and means to eliminate such hazard. If such hazard of waste or contamination of fresh water cannot be eliminated, the well shall be properly plugged and abandoned.

RULE 109. BLOWOUT PREVENTION (See Rule 114 (b) also)

- (a) Blowout preventers shall be installed and maintained in good working order on all drilling rigs operating in areas of known high pressures at or above the projected depth of the well and in all areas where pressures which will be encountered are unknown, and on all workover rigs working on wells in which high pressures are known to exist.
- (b) Blowout preventers shall be installed and maintained in good working order on all drilling rigs and workover rigs operating within the corporate limits of any city, town, or village, or within 1320 feet of habitation, school, or church, wherever located.
- (c) All operators, when filing Form C-101, Application for Permit to Drill, Deepen, or Plug Back, or Form C-103, Sundry Notices, for any operation requiring blowout prevention equipment in accordance with Sections (a) and (b) above, shall submit a proposed blowout prevention program for the well. The program as submitted may be modified by the District Supervisor if, in his judgement, such modification is necessary.

RULE 110. PULLING OUTSIDE STRINGS OF CASING

In pulling outside strings of casing from any oil or gas well, the space outside the casing left in the hole shall be kept and left full of mud-laden fluid or cement of adequate specific gravity to seal off all fresh and salt water strata and any strata bearing oil or gas not producing.

RULE 111. DEVIATION TESTS AND DIRECTIONAL DRILLING

(a) Any well which is drilled or deepened with rotary tools shall be tested at reasonably frequent intervals to determine the deviation from the vertical. Such tests shall be made at least once each 500 feet or at the first bit change succeeding 500 feet. A tabulation of all deviation tests run, sworn to and notarized, shall be filed with Form C-104, Request for Allowable and Authorization to Transport Oil and Natural Gas. When the deviation averages more than five degrees in any 500-foot interval, the operator shall include the calculations of the maximum possible horizontal displacement of the hole and the Division Director may require that a directional survey be run to establish the location of the producing interval(s).

The Division Director, at the request of an offset operator, may require any operator to make a directional survey of any well. Said directional survey and all associated costs shall be at the expense of the requesting party and shall be secured in advance by a \$5,000.00 indemnity bond posted with and approved by the Division. The requesting party may designate the well survey company, and said survey shall be witnessed by the Division.

(b) Except as provided in Paragraph (c) below, no well shall be intentionally deviated without special permission from the Division. Permission to deviate toward the vertical to straighten a crooked hole, to deviate toward the vertical or in an indeterminate direction to sidetrack junk in the hole, or to drill a relief well to control a blow-out shall be obtained from the appropriate District Office of the Division on Division Form C-103 with copies of said Form

C-103 being furnished to all offset operators. Upon receipt from the Division Director, any well which was deviated in an indeterminate direction or toward the vertical shall be directionally surveyed. In addition, a directional survey of the entire well bore must be made on any well which was deviated in a predetermined direction, except toward the vertical. The District Office of the Division shall be notified of the approximate time all directional surveys are to be conducted. All directional surveys run on any well which was intentionally deviated in any manner for any reason must be filed with the Division upon completion of the well. The Division will not assign an allowable to a well until the operator has submitted an affidavit that all such directional surveys have been filed.

- (c) The Division Director shall have the authority to grant administrative approval to intentionally deviate a well from vertical when: (1) the surface location is not a satisfactory drillsite due to topographic conditions or other surface obstructions, and, (2) the bottomhole location is orthodox or an unorthodox location previously approved.
- (d) Applications for administrative approval shall be filed in triplicate and shall be accompanied by plats showing both the surface location and targeted bottomhole location. The application shall state the reason(s) for deviating the subject well and include a site map and/or topography map illustrating the surface obstruction. The bottomhole location obtained will be considered reasonable and satisfactory if the actual location at total depth is orthodox or is no more than 50 feet from the approved bottomhole location.
- (e) All operators of proration or spacing units offsetting the unit for which the permit to deviate is sought shall be notified of the application by certified or registered mail, and the application shall state that such notification has been given. The Division Director may approve the application upon receipt of waivers from all offset operators or if no offset operator has entered an objection within 20 days after the Director has received the application.
- (f) The Division Director may, at his discretion, set any application for administrative approval for directional drilling for public hearing.
- (g) Permission to deviate a well in any manner or for any other reason not provided for in these rules will be granted only after notice and hearing.

RULE 112-A MULTIPLE COMPLETIONS

I. The multiple completion of any well may be permitted only as hereinafter provided. Multiple completion of any well without prior approval by the Division shall be solely at the operator's risk and shall in no way commit the Division to subsequent approval thereof.

II. District Approval

The Supervisor of the appropriate Division district may authorize the multiple completion (qualifying conventional, tubingless, or combination) whenever the zones to be completed are to be produced through tubing or through casing where such casing has an outside diameter of 2.875 inches or less. The supervisor may authorize one gas zone to be produced through a casing-tubing annulus if such zone produces no more than one barrel of liquids per day.

To obtain approval for multiple completion the operator shall file four copies of Division Form C-107 (Application for Multiple Completion) with the appropriate district office. Form C-107 shall be accompanied by a diagrammatic sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including

PETROLEUM PRODUCERS

MIDLAND, TEXAS 79701 TELEPHONE (915) 682-8216 September 2, 1987

CHEVRON U. S. A., INC. P. O. Box 670 Hobbs, New Mexico 88240

> MWJ-Saunders 16 State #1 660' FEL & 1980' FSL Sec 16, T-14S, R-33E Lea County, New Mexico

Gentlemen:

MWJ proposes the sidetrack drilling of the above captioned well. The 5-1/2" casing has collapsed at approximately 8800' in the 16 #1, and we propose to whipstock and drill a new production hole located to the northeast (bottom hole location 330' FEL & 2310' FSL).

If you have no objections to our proposal, please execute in the spaced provided below. We appreciate your prompt attention.

Very truly yours,

MWJ PRODUCING COMPANY

Pat Drexler

CHEVRON U. S. A., INC. has no objections to the sidetrack drilling of the proposed well.

vision Pronetion Engineer/Reservoir Engineer

Date September 3

PETROLEUM PRODUCERS

400 WEST ILLINOIS SUITÉ HOO MIDLAND, TEXAS 79701 TELEPHONE (915) 662-8216 September 2, 1987

CHEVRON U. S. A., INC. P. O. Box 670 Hobbs, New Mexico 88240

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Um lu Bohlmg Division Prosetion Engineer/Reservoir Engineer Leptember 3, 1987

September 4, 1987

MWJ Producing Company
400 West Illinois Suite 1100
1884 Pirst National Bank Building

Midland, TX 79701

Attention: John Schlagal
Production Superindent

ADMINISTRATIVE ORDER DD-15

Cooksone Dear Mr.

Under the provisions of Rule 111 (C) and (D), MWJ Producing Company made application to the New Mexico Oil Conservation Division on September 4, 1987, for permission to directionally drill and complete for Saunders Permo Upper Pennsylvanian Pool production the Saunders "16" State Well No. 1.

The Division Director Finds That:

- (1) The application has been duly filed under the provisions of Rule 111 (D) of the Division Rules and Regulations;
- (2) Satisfactory information has been provided that all offset operators have been duly notified and waivers from each have been obtained.
- (3) The applicant, MWJ Production Company, is the owner and operator of the Saunders "16" Well No. 1 located at a standard surface location 1980 feet from the South line and 660 feet from the East line (Unit I) of Section 16, Township 14 South, 33 East, NMPM, Saunders Permo Upper Pennsylvanian Pool, Lea County, New Mexico.
- directionally drill said well by kicking off from the vertical at a depth of approximately 6000 feet and drilling in such a manner as to penetrate said pool within for the feet as a standard subsurface location 2310 feet from the South line and 330 feet from the East line (Unit I) of Section 16.

- (5) The NE/4 SE/4 of Section 16 should be dedicated to the well.
- (6) The applicant should be required to determine the subsurface location of the bottom of the hole by means of a continuous multi-shot directional drilling survey conducted subsequent to said directional drilling, if said well is to be completed as a producing well.
- (7) Approval of the subject application will prevent the drilling of unnecessary wells, avoid augmentation of risk arising from the drilling of an excessive number of wells, and otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED THAT:

(1) The applicant, MWJ Producing Company is hereby authorized to plug back and directionally drill its in the manner as Saunders "16" State Well No. 1 as provinced described in the Findings

PROVIDED HOWEVERY THAT prior to the above-described directional drilling, the applicant shall establish the location of the kick-off point by conducting a continuous multi-shot directional survey of the well.

PROVIDED FURTHERY THAT subsequent to the above-described directional drilling, should said well be a producer, a continuous multi-shot directional survey shall be made of the wellbore from total depth to the kick-off point with shot points not more than 100 feet apart, the operator shall cause the surveying company to forward a copy of the survey report directly to the Santa Fe office of the Division, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, and the operator shall notify the Division's Hobbs District Office of the date and time said survey is to commence.

- (2) Form C-105 shall be filed in accordance with Division Rule 1105 and the operator shall indicate thereon true vertical depth in addition to measured depths.
- (3) The NE/4 SE/4 (Unit I) of said Section 16 shall be dedicated to the subject well.
- (4) Jurisdiction of the cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

WILLIAM J. LEMAY
Director

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NEW KICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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NEW XICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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NEW XICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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	1			3301 / hernb	y certify that the well location
	1			shown o	n this plat was plotted from field
	1		9	60' notes o	f actual surveys made by me or
	i i			Under m	y supervision of the same
	1			knowed	les and belief.
L	+				No.
j					3239
ļ	, Î			Date Surve	event, O. E
	1.) i		aine neth 1980
1	1			Registered	'7' '4' LING' N
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	<u> </u>				nold & Eilm
1				Cert/ficate	No. John W. West 676
	102 1220 1420 14	2210 2240 22	00 1000		Paneld & Fideen 3239

PETROLEUM PRODUCERS

400 WEST JLLINOIS SUITE 1100 MIDLAND, TEXAS 79701 TELEPHONE (915) 682-5216 September 2, 1987

TAMARACK PETROLEUM CO., INC. P. O. Box 2048 Midland, Texas 79702

> RE: MWJ-Saunders 16 State #1 660' FEL & 1980' FSL Sec 16, T-14S, R-33E Lea County, New Mexico

Gentlemen:

pd

MWJ proposes the sidetrack drilling of the above captioned well. The 5-1/2" casing has collapsed at approximately 8800' in the 16 #1, and we propose to whipstock and drill a new production hole located to the northeast (bottom hole location 330' FEL & 2310' FSL).

If you have no objections to our proposal, please execute in the spaced provided below. We appreciate your prompt attention.

Very truly yours,

PRODUCING COMPANY

Pat Drexler TAMARACK PETROLEUM CO.. INC has no objection to the sidetrack drilling the proposed well

PETROLEUM PRODUCERS

400 WEST ILLINOIS SUITE 1100
MIDLAND, TEXAS 79701
TELEPHONE (915) 682-5216
September 2, 1987

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Very truly yours,

MWJ PRODUCING COMPANY

HULLING COMPANY

Pat Drexler

рd

TAMARACK PETROLEUM CO., INC has no objection to the sidetrack drilling of the proposed well.

of the proposed well

Title

Date

3 87

	 11410
MB. BY COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

CONDITIONS OF APPROVAL, IF ANY

OIL CONSERVATION DIVISION P. O. BOX 2088

Form C-103 Revised 10-1-78 SANTA FE, NEW MEXICO 87501 5a. Indicate Type of Lease State X 5. State Oil & Gas Lease No. L-4945 SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.

USE "APPLICATION FOR PERMIT ..." (FORM C-101) FOR SUCH PROPOSALS.) 7. Unit Agreement Name WELL V OTHER- Plug Back and Drill Directional Well 8. Form or Lease Name 2. Name of Operator MWJ PRODUCING COMPANY Saunders 16 State #1. 9. Well No. 3. Address of Operator 400 W. Illinois - Suite 1100 Midland, Texas 79701 4. Location of Well 10. Field and Pool, or Wildcat Ι 660 East 1980 Saunders Permo Upper Penr UNIT LETTER . South 33E 15. Elevation (Show whether DF, RT, GR, etc.) 12. County Lea Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: CASING TEST AND CEMENT JOB PULL OF ALTER CASING CHANGE PLANS Plug back & drill directional well 17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed The 5-1/2" production casing has collapsed at approximately 8800'. The packer and bottom hole production assembly are at approximately 9800'. The 5-1/2" casing has collapsed on the 2-3/8" tubing and the 1" vent string. PROPOSED PROCEDURE: 1. Pump 100 sx cement thru 2-3/8" tubing below packer and BHA to plug perforations. Pull the 2-3/8" and the 1" tubing strings. Shoot off and pull approximately 6000' of the 5-1/2" casing. Set a cement plug at the 5-1/2" cut-off sufficient to serve as whipstock plug. Whipstock the Saunders 16 State #1 and drill new production hole to a point located 330' FEL and 2310' FSL, Sec 16, T-14S, R-33E, with a proposed total depth of 10,040'. Run, set and cement 5-1/2" casing @ T. D. Note: 13-3/8" casing @ 415', top of cement @ surface 8-5/8" casing @ 4120', top of cement surface Original top of cemet in 5-1/2" @ 8900' 18. I hereby certify that the information above is true and complete to the best of my knowledge and belief. DATE 9/3/87 TITLE Pat Drexler - Agent

Co-ICO ACCCIVED	T -	
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

OIL CONSERVATION DIVISION

DISTRIBUTION	Р. О. ВО	X 2088		Form C-103 ·
SANTA PE	SANTA FE, NEW			Revised 10-1-78
FILE		MEXICO 07501	Sa. Indicate Type	of 1 cons
U.S.G.S.		•	State X	
LAND OFFICE		•		Fee
OPERATOR	·	• .	5. State Oil & Gas L-4945	
			11 4743	
SUNDR	Y NOTICES AND REPORTS ON	WELLS		
(DO NOT USE THIS FORM FOR PRO USE "APPLICAT	POSALS TO DRILL OR TO DEEPEN OR PLUG (ION FOR PERMIT —" (FORM C-101) FOR SUC	JACK TO A DIFFERENT RESERVOIR. TH PROPOSALS.}		
·	,		7. Unit Agreement	Name
OIL WELL GAS WELL	OTHER- Plug Back and Dr	ill Directional Wall		
2. Name of Operator	Trug Dack and Dr.	LIL Directional Well	8. Form or Lease	Name
MWJ PRODUCING COMPANY	•		Saunders 1	6 State #1.
Address of Operator			9. Well No.	
	te 1100 Midland, Texas 79	9701	3	
· · · · · · · · · · · · · · · · · · ·			1	Tour I
Location of Well I	560 East	1980	10. Field and Poo	
UNIT LETTER	Edsl	196U	paunders Per	mo Upper Penn
South	16 14S	33E ·		
THE CINE, SECTION	H TOWNSHIP	RANGE	- HMPM:	
	15. Elevation (Show whether	DF. RT. GR. etc.1	12. County	<i>HHHHH</i>
	11111	4211.5'		
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		<u>Lea</u>	\overline{u}
Check A	Appropriate Box To Indicate N	lature of Notice, Report	or Other Data	
NOTICE OF IN	TENTION TO:	SUBSEC	QUENT REPORT OF:	
•	!			
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERN	NG CABING
Ħ		l F	=	=
TEMPORARILY ABANDON	نا ا	COMMERCE DRILLING OPHS.	PLUS AN	ID ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS	CASING TEST AND CEMENT JOB		
Plus book 5 ded11	dimentianal 11	OTHER		
OTHER Plug back & drill	directional well		•	
17. Describe Proposed or Completed Op	continue (Clarify rease all partinent dat	nile and sine particent dates in	cluding estimated date of st	enting any proposed
work) SEZ RULE 1103.	siditions (Crearly state are pertment desi	its, and give pertinent dutes, an	country commerce description	
m = 1/0H				•
The 5-1/2" production of	easing has collapsed at a	pproximately 8800'.	The packer and	bottom hole
production assembly are	e at approximately 9800'.	The 5-1/2" casing	has collapsed on	the 2-3/8"
tubing and the 1" vent	string.			
	• •			•
PROPOSED PROCEDURE:	•			
1				
1. Pump 100 sx cement	thru 2-3/8" tubing below	packer and BHA to p	olug perforations	•
	the 1" tubing strings.			e .
3. Shoot off and pull	approximately 6000' of t	he 5-1/2" casing.		•
4. Set a cement plug a	t the 5-1/2" cut-off suf	ficient to serve as	whipstock plug.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5. Whipstock the Saund	ers 16 State #1 and dril	l new production hol	le to a point loca	ated 330' FEL
and 2310' FSL. Sec 16.	T-14S, R-33E, with a pro	posed total denth of	F 10.040 .	
6. Run, set and cement	5-1/2" casing @ T. D.	pool court depen of	20,010	
	- 1,2 June 11, 2,1			
Note: 13-3/9" anging 6	415', top of cement @ s	······································	<i>x</i>	•
			· •	•
	4120', top of cement sur	face	r.	
Original top of	cemet in 5-1/2" @ 8900'	•	h.	
	• •			
	•	•) [.	
	•		·	
8. I hereby certify that the information	shove is true and complete to the best o	f my knowledge and belief.		
		•		
$\langle \mathcal{S} \rangle_{\Omega} \downarrow \langle $	() ()	Drexler - Agent	DATE 9/3/8	7
IEN'ED Y	TITLE PAT	DIEXTEL - WKGUT	DATE	<i></i>
				—— •

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DISTRIBUTION		
BANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

OIL CONSERVATION DIVISION P. O. BOX 2088

Form C-103 . Revised 10-1-78

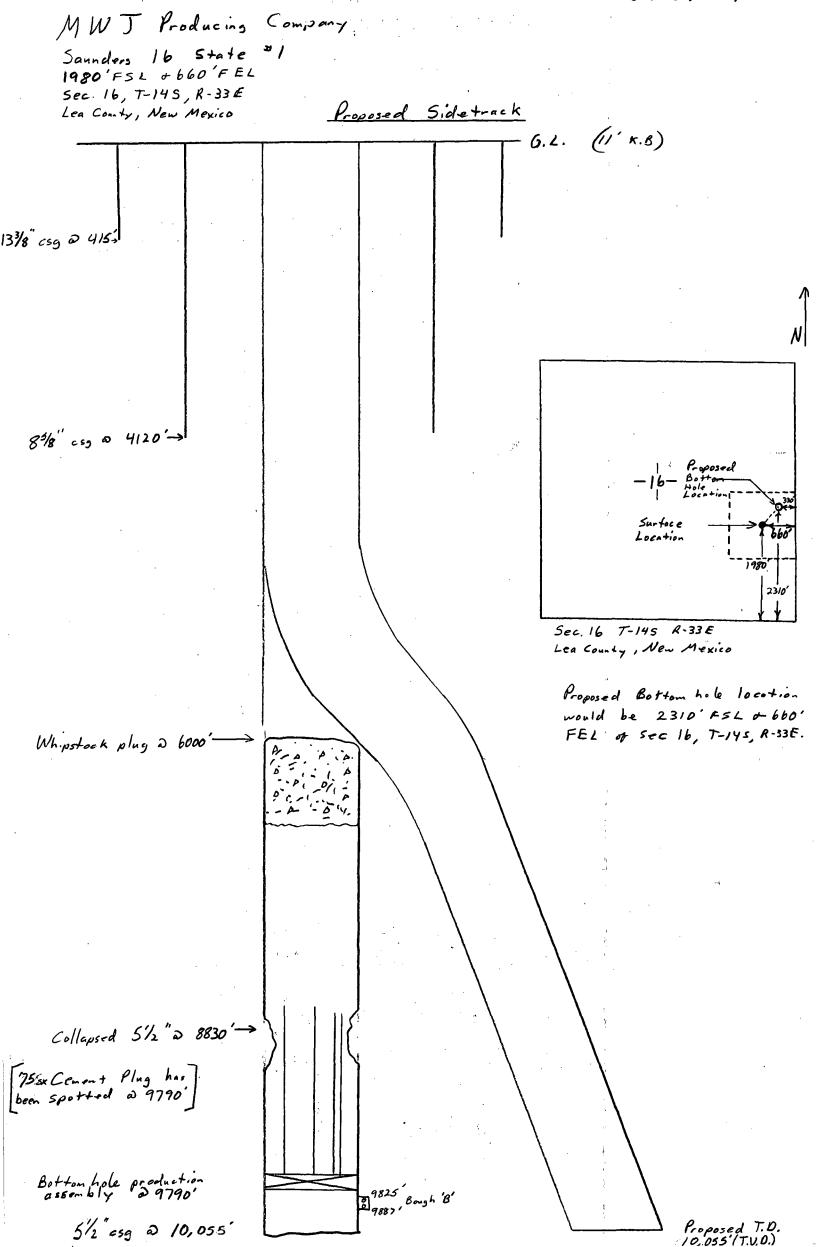
	SANTA FE, NEW MEXICO 87501	
	V.S.G.S.	5a. Indicate Type of Lease
	LAND OFFICE	State K Fee
	OPERATOR	5. State Oil 6 Gas Lease No.
	because a sure and the sure and	L-4945
	SUMPLY MOTICES AND DEDORTS ON WELLS	
	SUNDRY NOTICES AND REPORTS ON WELLS 100 NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.	
1.	USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	7. Unit Agreement Name
••	OIL GAO	, , , one rigidal realization
	WELL WELL OTHER- Plug Back and Drill Directional Well	8. Form or Lease Name
Z. F	MWJ PRODUCING COMPANY	Saunders 16 State #1
	·	<u> </u>
3. /	Address of Operator	9. Well No.
	400 W. Illinois - Suite 1100 Midland, Texas 79701	1
4. L	ocation of Well	10. Field and Pool, or Wildcat
	I 660 East 1980	Saunders Permo Upper Penn
	THE PARTY OF THE P	
	South 16 14S 33E .	
	THE RANGE NMPM	
\overline{T}	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
$^{\prime\prime\prime}$	4211.5'	
<u> </u>		Lea
	Check Appropriate Box To Indicate Nature of Notice, Report or Ot	her Data
	NOTICE OF INTENTION TO: SUBSEQUEN	T REPORT OF:
/		<u> </u>
PEF	IFORM REMEDIAL WORK	ALTERING CASING
761	MPORARILY ABANDON COMMENCE DRILLING OPHS.	PLUG AND ABANDONMENT
	L OR ALTER CABING CHANGE PLANS CASING TEST AND CEMENT JOS	
	OTHER	į.
	Plug back & drill directional well	
	OTHER	
17.	Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including	estimated date of starting any proposed
	work) SEE RULE 1103.	
7	The 5-1/2" production casing has collapsed at approximately 8800'. The	nacker and bettem belo
	production assembly are at approximately 9800'. The 5-1/2" casing has	
	cubing and the 1" vent string.	corrapsed on the 2-3/8
	abing and the i vent string.	
_	DODOGED DOGEDINE	
Ξ	PROPOSED PROCEDURE:	
. 1	Pump 100 sx cement thru 2-3/8" tubing below packer and BHA to plug	perforations.
	Pull the 2-3/8" and the 1" tubing strings.	
. 3	. Shoot off and pull approximately 6000' of the 5-1/2" casing.	
4	Set a cement plug at the 5-1/2" cut-off sufficient to serve as whip	stock nlug
	• Whipstock the Saunders 16 State #1 and drill new production hole to	
	and 2310' FSL, Sec 16, T-14S, R-33E, with a proposed total depth of 10,	
	Run, set and cement 5-1/2" casing @ T. D.	
·	. Run, set and tement 5 1/2 casting 6 1. D.	•
	late. 12-2/01 appins 0 /151 top of second 0 minutes.	
. IN	ote: 13-3/8" casing @ 415', top of cement @ surface	
	8-5/8" casing @ 4120', top of cement surface	1
	Original top of cemet in 5-1/2" @ 8900'	·
		•
		<u> </u>
18. 1	hereby certify that the information above is true and complete to the best of my knowledge and belief.	
1		•
		and the state of t
) ~~~	Pat Drexler - Agent	DATE 9/3/87
) ((TITLE Pat Drexler - Agent	_ BATE <u>9/3/87</u>

40. 07 COPIED ACCEIVED		
DISTRIBUTION		
BANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE	1	
OPERATOR		

OIL CONSERVATION DIVISION

Form C-103 -

SANTA FE	SANTA FE, NEW N	MEXICO 87501	Revised 10-1-78
FILE U.S.O.S.			5a. Indicate Type of Lease
LAND OFFICE	1	•	State X Fee
OPERATOR]		5. State Oil & Gas Lease No. L-4945
	RY NOTICES AND REPORTS ON W		
USE "APPLICAT	POSALS TO DRILL OR TO DEEPEN OR PLUG BAC TON FOR PERMIT -" (FORM C-101) FOR SUCH I	PROPOSALS.)	7, Unit Agreement Name
OIL WELL SAB	OTHER- Plug Back and Dril	1 Directional Well	
2. Name of Operator MWJ PRODUCING COMPANY		•	8. Form or Lease Name Saunders 16 State #1
3. Address of Operator 400 W. Illinois - Sui	te 1100 Midland, Texas 797	01	9. Well No.
4. Location of Well I	660 East	1000	10. Field and Pool, or Wildcat
UNIT LETTER	660 East	LINE AND FEET FROM	Saunders Permo Upper Penr
THE South LINE, SECTION	16 TOWNSHIP 14S	RANGE 33E HMPM.	
	15. Elevation (Show whether DF	•	12. County
	4.	211.5'	Lea
	Appropriate Box To Indicate Nat	ture of Notice, Report or Oth	er Data
NOTICE OF IN	TENTION TO:	SUBSEQUENT	REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON		COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS	CABING TEST AND CEMENT JQB	
OTHER Plug back & dril	l directional well	OTHER	
17. Describe Proposed or Completed Op- work) SEE RULE 1103.	perations (Clearly state all pertinent details	s, and give pertinent dates, including	estimated date of starting any proposed .
The 5-1/2" production	casing has collapsed at app	nrovimatolu 00001 The	nacken and became halo
production assembly are	e at approximately 9800'.	The 5-1/2" casing has	collapsed on the 2-3/8"
tubing and the 1" vent	string.		
DDODOGED DDOGEDIME			•
PROPOSED PROCEDURE:			
1. Pump 100 sx cement	thru 2-3/8" tubing below p	packer and BHA to plug p	perforations.
	i the 1" tubing strings. approximately 6000' of the	5-1/2U cosino	
	at the 5-1/2" cut-off suffi		stock plug.
5. Whipstock the Saund	lers 16 State #1 and drill	new production hole to	a point located 330' FEL
and 2310' FSL, Sec 16,	T-14S, R-33E, with a propo	sed total depth of 10,0	040 ¹ .
6. Run, set and cement	5-1/2" casing @ T. D.	•	
Note: 13-3/8" casing (415', top of cement @ sur	rface	<u> </u>
	4120', top of cement surfa		•
	cemet in 5-1/2" @ 8900'		-
18. I hereby certify that the information	above is true and complete to the best of m	ry knowledge and belief.	
(Ja 1 ()			
TOWER TO THE	VIV TITLE Pat Dr	rexler - Agent	DATE 9/3/87



NO. OF COPIES RECEIVED			*	*	•
DISTRIBUTION	NEW	MEXICO OIL CONSER	RVATION COMMISSION		
SANTA FE				Revised 1	·
FILE	- 		1	5A. Indic	ate Type of Lease
U.S.G.S,		•		<u>L</u>	
LAND OFFICE		•		.5, State C	Oil & Gas Lease No.
OPERATOR				*****	L-4945
	ON FOR PERMIT TO	DRILL, DEEPEN, C	OR PLUG BACK		
a. Type of Work		Direct	tional Drill	7. Unit A	greement Name
DRILL]	DEEPEN	PLUG B	ACK X	
b. Type of Well	-				r Lease Name
OIL GAS WELL	OTHER		ZONE MULT	zone Saunde	ers 16 State
. Name of Operator		·		9. Well N	o
MWJ PRODUCING COL	MPANY			1	
. Address of Operator		· · · · · · · · · · · · · · · · · · ·			and Pool, or Wildcat
400 W. Illinois	- Suite 1100	Midland, Texas 7	9701	Saunder	rs Permo Upper Per
		CATED 660 FE		LINE	
AND 1980 FEET FROM	итне South cir	NE OF SEC. 16 TV	NP. 14-S RGE. 33	S-E NMPM	
			mmm	12. Count	
				Lea	
	HHHHHH	<i>HHHHHH</i>			Hillitinin
HHHHHH	HHHHH	/////////////////////////////////////	9. Proposed Depth 1	9A. Formation	20. Rotary or C.T.
			10,100'	Penn	Rotary
1. Elevations (Show whether Di	F, RT, etc.) 21A, Kinc	& Status Plug. Bond 21	1B. Drilling Contractor	22. App	rox. Date Work will start
4211.5' GL					
3,	DIGILE	sc/current gr	i-Service Drill	ing Go 1 9///	.8/
,,,,,	Г	PROPOSED CASING AND	CEMENT PROGRAM	1	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMEN	T EST. TOP
* 17"	13-3/8"	48#	415'	400 sx	surface
* 11"	8-5/8"	24# & 32#	4120'	1800 sx	surface
* 7-7/8"	5-1/2"	15.5# & 17#	10055'	300 sx	8900'
• -	· -			J.	
ne 5-1/2" productio	on casing has co	llapsed at appr	oximately 8800'	. The packer	and bottom hole
roduction assembly	are at approxim	nately 9800'. T	he casing has c	ollapsed on th	ne 2-3/8" tubing
nd the 1" vent stri	ing.		·		_
ROPOSED PROCEDURE:					
Pump 100 sx ceme	ent thru 2-3/8"	tubing below pa	cker and BHA to	plug perforat	ions.
Pull the 2-3/8"					
Shoot off and pu	ıll approximatel	y 6000' of the	5-1/2" casing.	·	
Set a cement plu	ig at the 5-1/2"	cut-off suffic	ient to serve a	s whipstock pl	ug.
Whipstock the Sa	unders 16 State	#1 and drill n	ew production h	ole to a point	: located 330' FEI
and 2310' FSL, S	Section 16, T-14	S, $R-33E$, with	a proposed tota	1 depth of 10,	040'.
Run, set and cem	ment 5-1/2" casi	ng at T.D.		•	
Original casing s	set in Saunders	16 State #1	•	<i>;</i>	
ABOVE SPACE DESCRIBE P	ROPOSED PROGRAM: IF	PROPOSAL IS TO DEEPEN OF	R PLUG BACK, GIVE DATA ON	PRESENT PRODUCTIVE Z	DNE AND PROPOSED NEW PRODUC
hereby certify that the informat	don above is true and con	plete to the best of my kn	lowledge and belief.		
	10	•			
igned OV	nesser	_ Tule Pat Dre	xler – Agent	Date <u>9/2</u>	/87
	Conta Hard				
(This space for	r state USE)				
PPROVED BY	<u> </u>	_ TITLE		DATE	

		•			•		
NO. OF COPIES RECEIVED						•	•
DISTRIBUTION		NEW	MEXICO OIL CONS	ERVATION COMMI	SSION	Form C-101	
SANTA FE					•	Revised 1-1-6	55
FILE						1 -	Type of Lease
u.s.g.s.	1				-	STATE	X FEE
LAND OFFICE	1					.5. State Oil	& Gas Lease No.
OPERATOR			•				L-4945
				·	· 	MIIII	
	N FOR PE	RMIT TO	DRILL, DEEPEN	, OR PLUG BACK	<u> </u>		
la. Type of Work			Dire	ctional Drill		7. Unit Agre	eement Name
DRILL			DEEPEN	Pi	LUG BACK X		· · · · · · · _ · _
b. Type of Well						8. Farm or L.	
WELL X WELL	отн	ER		SINGLE ZONE	MULTIPLE ZONE		s 16 State
2. Name of Operator				,		9. Well No.	
MWJ PRODUCING COM	PANY		·		··	1	
3. Address of Operator	_					1	nd Pool, or Wildcat
400 W. Illinois -						Saunders	Permo Upper Pen
4. Location of Well UNIT LETTE	, <u>I</u>	LOC	ATED	FEET FROM THE	stLINE	M/M	
						M/M	
AND 1980 FEET FROM	THE SO	uth LIN	E OF SEC. 16	TWP. 14-S RGE.	33-E NMPM		
		//////				12. County	
						Lea	
		IIIII				IIIIII	
		///////				///////	
	777777	HHH		19. Proposed Depth	19A. Formatio	n	20. Rotary or C.T.
				10,100'	Penn		Rotary
21. Elevations (Show whether DF,	RT, etc.)	21A. Kind	& Status Plug. Bond	21B. Drilling Contract	ctor	22. Approx	t. Date Work will start
4211.5' GL		Blanke	t/current	Cri-Service D	rilling Co	9/7/8	7
23.							<u></u>
		Р	ROPOSED CASING AN	ID CEMENT PROGRA	М -		
SIZE OF HOLE	SIZE OF	CASING	WEIGHT PER FOO	T SETTING DE	TH SACKS OF	CEMENT	EST. TOP
* 17"	13-3/	8"	48#	415'	400	sx	surface
* 11"	8-5/		24# & 32#	4120'	1800	sx	surface
* 7-7/8"	5-1/	2''	15.5# & 17#	10055'	300	SX	8900'
The 5-1/2" production production assembly a and the 1" vent string	ire at a	has co pproxima	llapsed at appately 9800'.	proximately 88 The casing ha	800'. The passed	packer and on the	nd bottom hole 2-3/8" tubing
PROPOSED PROCEDURE:		_	•				
 Pump 100 sx cemer Pull the 2-3/8" a Shoot off and pull Set a cement plug Whipstock the Sau and 2310' FSL, Se Run, set and ceme 	and the indicate approximation	l" tubir ximately 5-1/2" 6 State 6, T-149	ng strings. y 6000' of the cut-off suffi #l and drill S, R-33E, with	5-1/2" casing cient to servinew production	ng. ve as whips on hole to a	tock plug	g. located 330' FEL
Original casing se	et in Sa	unders :	16 State #1			•	
N ABOVE SPACE DESCRIBE PR IVE ZONE - GIVE BLOWOUT PREVENTI	OPOSED PRO	DGRAM: IF F	PROPOSAL IS TO DEEPEN	OR PLUG BACK, GIVE DA	ATA ON PRESENT PR	DUCTIVE ZONE	AND PROPOSED NEW PRODUC-
hereby certify that the information	n sbove is tr	ue and comp		knowledge and belief. exler - Agent		Date <u>9/2/8</u>	37
	ienen II						
(This space for S	sure USE)					*	

NO. OF COPIES RECEIVED					1		
DISTRIBUTION	NEW	MEXICO OIL CONSE	RVATION COMMISS	ON -	Form C-101		
SANTA FE					Revised 1-1-6	ò5 [']	
FILE					5A. Indicate	Type of Lease	
U.S.G.S.					STATE	X FEE	
LAND OFFICE			•		.5, State Oil	& Gas Lease No.	
OPERATOR			•		,	L-4945	
					IIIIII		
	N FOR PERMIT TO	DRILL, DEEPEN,	OR PLUG BACK				
1s. Type of Work		Direc	tional Drill		7. Unit Agre	ement Name	
_ DRILL	1	DEEPEN		G BACK 🔣			
b. Type of Well					8. Form or L	1	
WELL X WELL	OTHER		SINGLE N	ZONE		s 16 State	
2. Name of Operator					9. Well No.		
MWJ PRODUCING COM	PANY				1		
3. Address of Operator	•					d Pool, or Wildcat	
400 W. Illinois -	Suite 1100 M	lidland, Texas	79701	·	Saunders Permo Upper Pen		
4. Location of Well UNIT LETTE	IR I LOC	ATED 660 F	FEET FROM THE east	LINE			
AND 1980 FEET FROM	THE South LIN	E OF SEC. 16	TWP. 14-S RGE.	33-E NMPM	\overline{m}	711111111111111111111111111111111111111	
					12. County		
	711111111111111111111111111111111111111				Lea		
					7777777		
			19. Proposed Depth 10,100	19A. Formation	n.	20. Rotary or C.T.	
				Penn		Rotary	
21. Elevations (Show whether DF,	RT, etc.) 21A. Kind	& Status Plug. Bond	21B. Drilling Contracto	•	22. Approx	. Date Work will start	
4211.5' GL	Blanke	t/current [<u>ri-Service Dri</u>	lling Co	9/7/8	7	
23.	Р	ROPOSED CASING AND	CEMENT PROGRAM				
		,					
SIZE OF HOLE * 17"	SIZE OF CASING	WEIGHT PER FOOT	+			EST. TOP	
* 11"	8-5/8"	48#	415'	400		surface	
* 7-7/8"	5-1/2"	24# & 32# 15.5# & 17#	4120'	1800		surface	
•	, -		10055'	300		8900'	
The $5-1/2$ " production	n casing has co	llapsed at app	roximately 880	0'. The	oacker a	nd bottom hole	
roduction assembly a	are at approxima	ately 9800'. '	The casing has	collapsed	i on the	2-3/8" tubing	
and the 1" vent strin	ıg.		_	-			
PROPOSED PROCEDURE:							
			_				
Pump 100 sx cemer	it thru 2-3/8"	tubing below pa	acker and BHA	to plug pe	rforatio	ons.	
Pull the 2-3/8" a	ind the 1" tubin	ng strings.	= - /-H				
3. Shoot off and pull approximately 6000' of the 5-1/2" casing.							
. Set a cement plug at the 5-1/2" cut-off sufficient to serve as whipstock plug.							
. Whipstock the Saunders 16 State #1 and drill new production hole to a point located 330' FEL							
and 2310' FSL, Section 16, T-14S, R-33E, with a proposed total depth of 10,040'.							
. Run, set and ceme	nt 5-1/2" casir	ng at T.D.				•	
Containal market		1.6 6					
Original casing se	it in Saunders .	16 State #1					
N ABOVE SPACE DESCRIBE PR	ABASEA BRACRAMITE	PROPOSAL IS TO DEEPEN O	NE PING BACK GIVE DATA	ON PRESENT PRO	DUCTIVE ZONE	AND PROPOSED NEW PRODUC-	
TIVE ZONE GIVE BLOWOUT PREVENTE	ER PROGRAM, IF ANY.						
hereby certify that the information above is true and complete to the best of my knowledge and belief.							
(YX. I.() \	. (10.)		1	•	0/0/-	\ ¬	
signed	UALL	Title Pat Dre	xler - Agent		Date <u>9/2/8</u>	<u> </u>	
(This space for S	state Use)						
,	•				•		
			•				

						
NO. OF COPIES RECEIVED	T-	NEW MEXICO OIL CONS	EDVATION COMMISS		D . C 101	
SANTA FE		NI. W MEXICO OIL CONS	Form C-101 Revised 1-1-65			
FILE	+				SA. Indicate	Type of Lease
U.S.G.S.	+				STATE	~
LAND OFFICE	+				L	& Gas Lease No.
OPERATOR	+				10. 5.5.0	L-4945
			•		mm	
APPLICATIO	N FOR PERMIT	TO DRILL, DEEPEN	OR PLUG BACK	 		
is. Type of Work	——————————————————————————————————————		ctional Drill		7. Unit Agre	eement Name
DRILL		DEEPEN []		10 0 10 V V		
b. Type of Well		DEEFER	PL	JG BACK K	8. Farm or L	ease Name
OIL X GAS WELL	OTHER		SINGLE ZONE	MULTIPLE ZONE	Saunder	s 16 State
2. Name of Operator			ZONE (Z)	ZONE C	9. Well No.	
MWJ PRODUCING COM	PANY				1	
3. Address of Operator					10. Field an	nd Pool, or Wildcat
400 W. Illinois -	Suite 1100	Midland Tevas	79701		Saunders	Permo Upper Pen
4. Location of Well				+	111111	inniinniinni
UNIT LETTE	*	LOCATED 660	FEET FROM THEEAS	CLINE	IIIIIA	
AND 1980 FEET FROM	THE South	LINE OF SEC. 16	TWP. 14-5 RGE.	33-E NMPM	IIIIII	
THITTINITY IN	ïiiiiiiiiii	mitiitiitiin	iin Ethriin	iii ii ii ii	12. County	
					Lea	
/////////////////////////////////////	HHHHH:	/////////////////////////////////////	/////////////////////////////////////	+++++	mm	HHHHHmm
AHHHHHHH	HHHHH	<i>HHHHHH</i>	19. Proposed Depth	19A. Formation	7777777	20. Rotory or C.T.
			10,100'	Penn		Rotary
21. Elevations (Show whether DF,	RT etc.	Kind & Status Plug. Bond	21B. Drilling Contract		Tag. 4	. Date Work will start
4211.5' GL			-			i
23.	BTa	nket/current	<u> Tri-Service Dr</u>	illing Co	1 9/7/8	7
23.		PROPOSED CASING AN	ID CEMENT PROGRAM	1		
SIZE OF HOLE	SIZE OF CASI	NG WEIGHT PER FOO	T SETTING DEP	TH SACKS O	F CEMENT	EST. TOP
* 17"	13-3/8"	48#	415'	400		surface
* 11"	8-5/8"	24# & 32#	4120'	1800		surface
× 7-7/8"	5-1/2"	15.5# & 17#	10055'	300		8900'
The 5 1/28		1	1	ì		ì
The 5-1/2" production	i casing has	collapsed at app	roximately 880	00'. The	packer a	nd bottom hole
production assembly a	ire at appro	ximately 9800'.	The casing has	s collapse	d on the	2-3/8" tubing
and the 1" vent strip	1g.					
PROPOSED PROCEDURE:					4	
l. Pump 100 sx cemer	at thru 2-3/	Q" tubing bolom m	and Dita			
2. Pull the 2-3/8" a	nd the 1" t	o tubing below p	acker and BHA	to bing b	erioratio	ons.
3. Shoot off and pul			E 1/211			
Set a cement plus	i approxima	tely output of the	5-1/2" casing	ζ·		
	; at the 3-1	/2 Cul-off Suffi	cient to serve	as wnips	tock bin	g.
	inders 10 St	ate #1 and drill	new production	note to	a point.	located 330' FEL
and 2310' FSL, Se 5. Run, set and ceme	:CCION 10, T	-145, K-33E, With	a proposed to	otal depth	or 10,0	40'.
. Run, set and ceme	int 2-1/2" c	asing at T.D.				
				·		
k Original assiss ==		ma 16 Pt-t- #1				
k Original casing se	it in Saunde	rs to State #1				
IN ABOVE SPACE DESCRIBE PR	OPOSED PROGRAI	M: IF PROPOSAL IS TO DEEPEN	OR PLUG BACK, GIVE DAT	A ON PRESENT PR	ODUCTIVE ZONE	AND PROPOSED NEW PRODUC-
Tive zone give blowout prevent	on above is true and	complete to the best of my	knowledge and belief.			
	10	,	g- · · =	•	•	
Signed OV	realer	Tule Pat Dr	<u>exler - Agent</u>		Date 9/2/8	37
	Sana Wash					=
(This space for .	state USE)					
				*	:	
APPROVED BY		TITLE			DATE	