State of New Mexico Energy/Minerals Department

Oil Conservation Division P. O. Box 2088

Santa Fe, New Mexico 87501

Gas Supplement

Number:

NW __1981

Date March 27, 1986

NOTICE OF ASSIGNMENT OF ALLOWABLE TO A GAS WELL

The operator of the following well has complied with all the requirements of the Oil Conservation Division and the well is hereby assigned an allowable as shown below.

Date of (Dat			xx Allowable Chang	e <u>2-1-86</u>
Purchase		EPG	· 			esaverde	
Operator	Tenneco	Oil Co.			e Fields L		
Well No.	2 & 2A	Unit I	etter <u>N & I</u>	Sec.	25	Twp. 32N	_ Rangellw
		≥S/320	Revi	sed Acreage		Difference	
Acreage 1	Factor _	1.00	Revi	sed Acreage	Factor	Difference	
Deliveral	bility _	-1292 iv	And 1983 Revi	sed Deliverability 8086		B6 Difference	+6794
A x D Fac	ctor		Re vi	sed A x D F	actor	Difference	
rest After #2=125 #22		er	м <u>-</u> <u></u> <u></u>	Trank J.	Save	OCD Distric	t No. III
		037			0		
			CULATION O	SUPPLEME	NTAL ALLC	WABLE	
		ijustments					
	% OF MO.	PREV.ALLOW.	REV.ALLOW.	PREV.PROD.	REV.PROD.	REMARKS	
April						This well is sti	ll showing
May						under EPNG Co. i	nstead of
June			ļ			Tenneco Oil Co.	
July	··						
August			-				
September			·				
October	· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·		
November							
December							
January			<u> </u>				
February							
March							
April							
May							
June							
July							· · · · · · · · · · · · · · · · · · ·
August							
September							
October							
November							
December		1					
January							
February	<u> </u>	_11391_	64551				
March		6269	35530				
TOTALS		11391	64551				
Allowable Production Difference			53160+				
April Schedule O/U Status			1039119-				
Revised	Feb.		us	985959-	_		
				Effective			Schedule
				Current Cl	assificatio		To

Note: All gas volumes are in MCF@15.025 psia.

R. L. Stamets, Division Director

Jason Kellahin W. Thomas Kellahin Karen Aubrey

KELLAHIN and KELLAHIN Attorneys at Law El Patio - 117 North Guadalupe Post Office Box 2265 Santa Fe, New Mexico 87504-2265

Telephone 982-4285 Area Code 505

July 1, 1986

Case 8944

.

RECEIVED

HAND-DELIVERED

JUL 1 1986

Mr. Richard L. Stamets Oil Conservation Division Post Office Box 2088 Santa Fe, New Mexico 87501

OIL CONSERVATION DIVISION

Re: Application of Tenneco Oil Company for a Retroactive Allowable

Dear Mr. Stamets:

Enclosed please find an Application filed on behalf of Tenneco Oil Company. Please set this matter for hearing on the next available docket.

Thank you for your assistance in this matter.

Very truly yours,

Karen Aubrey

KA:mh

Encl.

cc: Sam Appell, Esq., (w/enc.)

Lewis Jones (w.enc.)
Peter Mueller (w.enc.)

RECEIVED

JUL 1 1986

QIL CONSERVATION DIVISION

IN THE MATTER OF THE APPLICATION OF TENNECO OIL COMPANY FOR A RETROACTIVE ALLOWABLE.

case no. <u>8944</u>

APPLICATION

COMES NOW, TENNECO OIL COMPANY, by and through its attorneys, Kellahin & Kellahin, and requests the Division determine that the work performed on Fields LS-2A Well located in Unit Letter I, Sec. 25, T32N, RllW, San Juan County, New Mexico, be designated as a "workover" so that the increased allowable assigned to said well will be effective as of November 1, 1985.

Respectfully submitted,
TENNECO OIL COMPANY

By:

Karen Aubrex

KELLAHIN & KELLAHIN Post Office Box 2266

Santa Fe, New Mexico 87501

RECEIVED

JUL 1 1986

OIL CONSERVATION DIVISION

IN THE MATTER OF THE APPLICATION OF TENNECO OIL COMPANY FOR A RETROACTIVE ALLOWABLE.

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Respectfully submitted,
TENNECO OIL COMPANY

Bv:

Karen Aubrez

KELLAHIN & KELLAHIN Post Office Box 2266

Santa Fe, New Mexico 87501

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By:

Karen Aubrez

KELLAHIN & KELLAHIN Post Office Box 2266

Santa Fe, New Mexico 87501

RECEIVED

JUL 1 1986

OIL CONSERVATION DIVISION

IN THE MATTER OF THE APPLICATION OF TENNECO OIL COMPANY FOR A RETROACTIVE ALLOWABLE.

CASE NO. 894

APPLICATION

COMES NOW, TENNECO OIL COMPANY, by and through its attorneys, Kellahin & Kellahin, and requests the Division determine that the work performed on Fields LS-2A Well located in Unit Letter I, Sec. 25, T32N, R11W, San Juan County, New Mexico, be designated as a "workover" so that the increased allowable assigned to said well will be effective as of November 1, 1985.

Respectfully submitted,
TENNECO OIL COMPANY

Bv:

Karen Aubrex

KELLAHIN & KELLAHIN Post Office Box 2266

Santa Fe, New Mexico 87501

_V-W-

VISCOSITY—A measure of the thickness of an oil, or how easily it will pour.

WARM UP—The same as heat—loosen a connection by hammering on it.

WET GAS—Gas that carries a lot of liquids with it.

WIDOW MAKER—Anything liable to cause death or serious injury of a workman.

WIGGLE STICK—The walking beam.

WINCH—A machine used for pulling or hoisting that does so by winding a cable around a spool.

WORK OVER—To clean out or otherwise work on a well in order to increase or restore production.

WRINKLE PIPE—To cut threads on a piece of pipe in order to make a connection.



Ms. Karen Aubrey

Copy of order also sent to:

Other

Hobbs OCD

Artesia OCD x Aztec OCD x

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION



1935 - 1985

Re: CASE NO. ____8944

October 16, 1986

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-5800

Kellahin & Kellahin	ORDER NO. R-8322			
Attorneys at Law Post Office Box 2265 Santa Fe, New Mexico	Applicant:			
20120 20, 11011 2002	Tenneco Oil Company			
Dear Madam:				
Enclosed herewith are two copies of Division order recently entered in	the above-referenced the subject case.			
Sincerely,				
R. L. STAMETS Director				
·				
RLS/fd				

7o.m 3160-5	UNIT STATES	QUBMIT IN TRIPLIC	Form approved. Budget Bureau No. 1004-0135 Expires August 31, 1985
	RTMENT OF THE INTERI		5. LEASE DESIGNATION AND SERIAL NO.
	REAU OF LAND MANAGEMEN		NM-010989 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY N (Do not the this form for po	OTICES AND REPORTS (roponals to drill or to deepen or plug b LICATION FOR PERMIT—" for such pr	ON WELLS ack to a different reservoir. oposals.)	
OIL GAR Y OTES		CEIVED	7. UNIT AGEREMENT NAME
2. HAMB OF OPERATOR			S. PARM OR LEASE HAME
Tenneco Oil Company	<u> </u>	AUG 28 1985	Fields LS
P. O. Box 3249. Engl	lewood, CO 80155		2A
4. LOCATION OF WELL (Report locati See also space 17 below.)	on clearly and in accordance wather	ALGF HAME-MANAGEMENT INGTON RESOURCE AREA	10. FIELD AND POOL, OR WILDCAT
1500' FSL, 850' FEL	,		Blanco Mesaverde 11. EDC., T., E., M., OR BLE. AND SURVEY OR AREA
			Sec. 25, T32W, R11V
14. PERMIT NO.	15. SLEVATIONS (Show whether DF)		San Juan NM
16. Check	Appropriate Box To Indicate N	ature of Notice, Report, or C	Other Data
NOTICE OF I	NTENTION TO:	avaeaqt	TRAT REPORT OF:
PRACTURE TREAT	PULL OR ALTER CABING MULTIPLE COMPLETE	WATER SEUT-OFF PRACTURE TREATMENT	ALTERING WELL
SHOOT OR ACIDIZE	ABANDON®	SECOTING OR ACEDIZING	ABANDONMENT*
REPAIR WELL	CHANGE PLANS	(Other)	of multiple completion on Well
(Other)		Completion or Recomp	etion Report and Log form.) including estimated date of starting any al depths for all markers and sones perti
		Car	4848944 1
18. I bereby certify that the foregoing the foregoing that the foregoing the foregoing that the foregoing the foregoing that the foregoing that the foregoing that the foregoing that the foregoing the foregoing that the foregoing the foreg	office use)	nior Regulatory Anlay	APPROVED st pare AUG 2.7 1985 AUG 2.9 1985
CONDITIONS OF APPROVAL, I	F ANY:		DATE (1)
TO WEAR IT MAY CONSERD		·	AREA MANAGER

TO WHOM IT MAY CONCERN.

A COPY OF THE ATTACHED APPLICATION See Instructions on Reverse Side

HAS BEEN FORWARDED TO NIACC.

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

Casing:

9-5/8" OD, 32.3#, H-40 Csg w/224 cu.ft. TOC @ Surface. Hole Size- 12-1/4" 7/12/77 Remarks

DD, 20.04, K-55 Csg w/455 cu.ft. TOC @ 1300 '. Hole Size- 8-3/4" 7/16/77 Remarks____

4-1/2" OD, 10.5#, K-55 Csg w/185 cu.ft. TOC @ 3000 '. Hole Size- 6-1/4" 7/19/77 Remarks: External Csg Pkr @ 5296'.

Tubing:

2-3/8" OD,4.7#, J-55 Grade, Brd EUE Cplg Landed @ 5292'. S/N @ _____'.

Purpose: *****

To stimulate the existing zone and perforate and frac additional Mesaverde pay. Also, to reduce BHFP by pulling the 2-3/8" tubing and flowing up the 4-1/2" casing.

Status:

Currently completed naturally in the Point The 4-1/2" casing is cemented from above the external casing packer @ 5296' to approximately 3000'. Below the ECP the casing is free. Currently producing 1.5 MMCFD.

Detailed Procedure:

- 1. After flowing the well for 5 or more days, RU B&R for a 72 hour bottom hole pressure buildup. Continue to flow well for at least 4 hours after landing the bomb to get a BHFP. RU a two pen pressure recorder to tubing and annulus. SI for BHPBU. Get static gradients at end of test.
- 2. Prepare location by blading and installing anchors, if necessary. Move in 20 400 BBL tanks and fill with 1% KCL water. NU and stake down blowdown lines to both wing valves. Tee into one wing valve to pump KCL water into annulus.
- 3. MIRUCU. Kill tubing and annulus.

700@ 3000

<u> 3515'</u>

80235

CPE 5276'

4

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1/2 E 5471

Procedure (continued)

- . While continuing to pump slowly down the annulus, NDWH and NU 6" 3000 psi BOP and 6" 3000 psi X 6" 2000 psi double studded adapter. (Not required if BOP has ring groove for 2000 psi flange.) Have 2-3/8" X 1-1/4" crossover and 2500 of 1-1/4" 10rd tubing delivered to location.
- 5. Pressure test 7" X 4-1/2" annulus to 750 psi. Install 3000 psi guage. Trip in and tag PBTD. Talley OOH standing back tubing. Visually inspect tubing on trip out. Replace any bad joints, PU 3-7/8" bit, and TIH. CO to PBTD with N2 foam if necessary. TOOH standing back tubing.
- 6. RUWL. Perforate the Point Lookout under lubricator at 5385, 5374, 5346-60, and 5316-21 using 3-1/8" hollow carrier csg guns loaded 2 JSPF @ 120 phasing. Correlate to Schlumberger TDT log run 7/24/77.
- 7. Acidize down casing with 2000 gal of 15% unweighted HCL. Displace at maximum rate with MSP < 2500 psi.
 - RU and frac Point Lookout with slickwater containing 1% KCL as per design from pressure buildup analysis. Fluid/sand schedule to follow. Flush to 5 bbls shy of top perf & close blind rams ASAP.
- 9. RUWL & RIH w/ Baker wireline set 4-1/2" RBP. Set @ 5230' KB. Dump 1 sx sand on RBP, load casing with 1% KCL water, & PT to 2500 psi.
- 10. TIH with 2-3/8" tubing & spot 250 gals of 7-1/2% DI HCL @ 5168'. POOH.
- 11. RUWL. Perforate the Menefee under lubricator at 5158-68, 5071-76, 5056-64, and 4986-90 using 3-1/8" hollow carrier csg guns loaded 2 JSPF e 120 phasing. Correlate to Schlumberger TDT log run 7/24/77.
- 12. Acidize down casing with 1000 gal of 15% weighted HCL containing 80 1.1 SG RCN ball sealers. Displace at maximum rate with MSP < 2500 psi.
- 13. RIH with junk basket on wireline to knock off and recover ball sealers.
- 14. RU and frac Menefee with slickwater containing 1% KCL, 15#/1000 gal friction reducer and 2500#/ft 20/40 sand @ 1 BPM/perf.

Stage	Gals (#/Gal
E====	#####	****
1	14600	Pad
2	10000	1/2
3	10000	1
4	10000	1-1/2
5	18700	2
_	T100	Flush

Estimated rate -55 BPM. MSP - 2500 psi. Flush to 5 bbls shy of top perf close blind rams ASAP.

15. SWION.

8.

Pri adure (continued)

- 16. RUWL & RIH w/ Baker 4-1/2" wireline set RBP. Set @ 4970' KB. Dump 1 sx sand on RBP, load casing with 1% KCL water, & PT to 2500 psi.
- 17. TIH with 2-3/8" tubing to 4940' & spot 350 gals of 7-1/2% DI HCL. POOH.
- 18. RUML. Perforate the Cliffhouse under lubricator at 4916-40, 4878- 4912 with 1 JSPF @ 180 phasing and 4870-74, 4856-60, 4811, 4804, 4799, 4708, 4660-62, 4588, and 4554-64 with 2 JSPF @120 phasing using 3-1/8" hollow carrier csg guns. Correlate to Schlumberger TDT log run 7/24/77.
- 19. Acidize down casing with 3300 gal of 15% weighted HCL containing 160 1.1 SG RCN ball sealers. Displace at maximum rate with MSP < 2500 psi.
- 20. RIH with junk basket on wireline to knock off and recover ball sealers.
- 21. RU and frac Cliffhouse with slickwater containing 1% KCL, 15#/1000 gal friction reducer and 2500#/ft 20/40 sand.

Stage	Gals	#/Gal
*====	***	
1	35600	Pad
2	9800	1/2
3	7800	1
4	9800	1-1/2
5	89300	2
6	3000	Flush

Estimated rate -90 BPM. MSP - 2500 psi. Flush to 5 bbls shy of top perf & close blind rams ASAP.

- 22. SWION.
- 23. TIH with 2-3/8" tubing with BP retrieving head. CO to upper BP with N2 foam. Latch onto and POOH with BP. Repeat for lower BP. TIH and CO to 5465'. Pull up above perfs and shut down to allow sand behind the 4-1/2" to settle out. TIH and CO. Repeat if necessary. TOOH laying down 2-3/8" tubing. PU 1-1/4" 2.4# J-55 10rd production tubing open ended. Talley in hole and land tubing @ ~ 2500'. NUWH.
- 25. Open well to pit and FTCU.

DEPARTMENT OF THE INTERIOR THE ADDITIONAL SERVICE STATES AND ANALOGEMENT SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form to proposals to field to to depote or plage back to a different reservoir. (Do not use this form to proposals to field to to depote or plage back to a different reservoir. (Do not use this form to proposals to field to to depote or plage back to a different reservoir. (Do not use this form to proposals to field to to depote or plage back to a different reservoir. (Do not use this form to proposals to field to to depote or plage back to a different reservoir. (Do not use this form to proposals to field to to depote or plage back to a different reservoir. (Do not use this form to proposals to field to to depote or plage back to a different reservoir. (Do not use this form to proposals to field to to depote or plage back to a different reservoir. (Do not use to this form to proposals to field to to depote or plage back to a different reservoir. (Do not use to this form to this place to the plage to the depote or plage to the plage t	orm 3160-5 ovember 1983)	UNITE STATES	SUBMIT IN TRIPLICA (Other instructions on	Expires August 31, 1985
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Tenneco Oil Company E & P WRMD Appearance Tenneco Oil Company E & P WRMD P. O. Box 3249, Englewood, CO 80155 RECEIVED 2 A Caretino of water (Report leating clearly and in accordance with any State requirements.* See Also paper IT below.) 1500FSL, 850FEL BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA PRANIT FO. 30-045-22399 15. BILVATIONS (SNOW whether OF, NT, OR, 60.) 16. BILVATIONS (SNOW whether OF, NT, OR, 60.) 17827 WATER SECT-OFF PRACTICE THAT MILLIFIER COMPLETE SEC. 25. T32N R11W Charles Plant CHARLE PLANE CHARLE PLA				7. UNIT AGREEMENT NAME
Tenneco Oil Company E & P WRMD P. O. 80x 3249, Englewood, CO 80155 RECEIVED P. O. 80x 3249, Englewood, CO 80155 RECEIVED 10. Fill 2 S. 2 A 10. Fill 3 S. 2 S. 2 S. 3 S. 3 S. 3 S. 3 S. 3 S.	WELL COTTES			B PARM OR LEASE WAVE
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Blanco-MV 15.00FSL, 850FEL BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA Sec. 25, T32N R11W FRANCE OF INTERVIOR (Show whether SP. N. C. M. M.C.) Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTERVIOR OF INTERVIOR OF SPECIAL ASSOCIATION OF TRACES				
1500FSL, 850FEL BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA Sec. 25, T32N R11W Sec. 25, T32N R11W Sec. 25, T32N R11W Sec. 25, T32N R11W Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data ROTICE OF INTERTION TO: TREST WATER SECTORY PELL OR ALTER CASING MILLIPLE COMPLETE SEC. 25, T32N R11W CHACKE PLANE PELL OR ALTER CASING MILLIPLE COMPLETE TRACTURE TRACT SEC. 25, T32N R11W Sec. 2	See also space 17 below.)	clearly and in accordance with an	SEP 06 1985	
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Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data ***ROTTER OF INTENTION TO: ***TRET WATER SEDT-OFF** ***PRACTICES TREAT** ***SECTION ALLIEUTER CONFINET** ***ROTTER SECTION** ***ROTTER SECT	PERMIT NO.	15. ELEVATIONS (Show whether	DP, RT, CR, etc.)	12. COUPTY OR PARISE 18. STATE
TRET WATER SECTORS . PULL OR ALTER CASING WATER SECTORS OR ALTERING CASING MULTIPLE COMPLETE ALERONO'S CHANGE PLANE (Other) Change of operator & name (Other) Change of operator & name (Other) Completion or Recoupletion Report and Log form.) PACKEE PROVIDE OR CONTESTED OPERATIONS (Clearly state all) pertiuent details, and give pertiuent dates lackuding estimated date of starting a proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and sonce per nent to this work.)* Please be advised that Tenneco has assumed operations for the referenced well from E1 Paso Natural Gas. Tenneco also requests permission to change the name from Fields 2 A to the Fields LS 2 A I hereby certify that the foregoing is true and correct signed by the completion of the state of the correct of the completion of the	30-045-22399	6226' GL		San Juan NM
ROTICE OF INTENTION TO: TEST WATER SECTORS TRACTUSE TREAT SECONOGIC ACCIDIENT ALPRENOS REPAIR WELL (Other) Change of operator & name Change of operator & name Change of operator & name Nocatize nonzero on consultrio persantors of name Process reports results of sulfiple completion on Well (Other) Please be advised that Tenneco has assumed operations for the referenced well from El Paso Natural Gas. Tenneco also requests permission to change the name from Fields 2 A to the Fields LS 2 A Levely certify that the foregoing is true and correct SIGNED Just Markey TITLE Sr. Regulatory Analyst DATE DATE DATE PATILE PATILE DATE DATE PATILE PATILE PATILE PATILE PATILE PATILE PATILE PATILE ALPRINOVER SELLATION ALPRINOVER SELLATION ALPRINOVER SILL ALPRINOVER SELLATION ALPRINOVER SILL ALPRINOVER SILL ALPRINOVER SELLATION ALPRINOVER SILL ALPRINOVER SELLATION ALPRINOVER SILL ALPRINOVER SELLATION ALPRINO	Check A	opropriate Box To Indicate	Nature of Notice, Report, or	Other Data
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Street Proposed or Complete Operations (Clearly state all pertitions details, and give pertisoned dates, including estimated date of starting at proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and sones per nent to this work.)* Please be advised that Tenneco has assumed operations for the referenced well from El Paso Natural Gas. Tenneco also requests permission to change the name from Fields 2 A to the Fields LS 2 A I bereby certify that the foregoing is true and correct SIGNED Author Markey Title Sr. Regulatory Analyst Date (This space for Federal or State office use)		1 1		
SIGNED Suff M=Kmmy TITLE Sr. Regulatory Analyst DATE (This space for Federal or State office pas) APPROVED BY TITLE DATE	Please be advised El Paso Natural Ga	that Tenneco has as is. Tenneco also re	ent details, and give pertinent date cations and measured and true vert sumed operations for	the referenced well from
SIGNED Suff M=Kmmy TITLE Sr. Regulatory Analyst DATE (This space for Federal or State office pas) APPROVED BY TITLE DATE	Please be advised El Paso Natural Ga	that Tenneco has as is. Tenneco also re	ent details, and give pertinent date cations and measured and true vert sumed operations for	the referenced well from
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Form approved.

Formerly 9-331) DEPARTM	JN _D STATES SUBMIT IN TRIP! FEGURE Of THE INTERIOR verse side) J OF LAND MANAGEMENT	5. LEASE DESIGNATION AND SERIAL NO. NM-010989
SUNDRY NOTION (Do not use this form for propost Use "APPLICA"	CES AND REPORTS ON WELLS this to drill or to deepen or plug back to a different reservoir. TION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
OIL GAB WELL OTHER	7 (Sec.)	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR		S. PARM OR LEASE NAME
Tenneco Oil Company		Fields LS
P. O. Box 3249, Eng	lewood, CO 80155 RECEIVED	2A
4. LOCATION OF WELL (Report location cle See also space 17 below.) At surface	early and in accordance with any State requirements.	10. PIELD AND POOL, OR WILDCAT
1500' FSL, 850' FEL	SEP 2 5 1985	Blanco Mesaverde
1300 131, 030 111	BUREAU OF LAND MANAGEMENT	SURVEY OR AREA
14. PERMIT NO.	FARMINGTON RESOURCE AREA 18. SLEVATIONS (Show whether DF, BT, CR, etc.)	Sec. 25. T32N R11W
	6226' GL	San Juan NM
16. Check Apr	propriate Box To Indicate Nature of Notice, Report, or C	
NOTICE OF INTENT		UBHT REPORT OF:
FRACTURE TREAT M SHOOT OR ACIDIZE	WATER SHUT-OFF ULTIPLE COMPLETE BANDON* HANGE PLANS (Other) (Note: Report results Completion or Recomp	ALTERING WELL ALTERING CASING ABANDONMENTS of multiple completion on Well letion Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLETED OPER proposed work. If well is direction nent to this work.)	ATIONS (Clearly state all pertinent details, and give pertinent dates, ally drilled, give subsurface locations and measured and true vertice	, including estimated date of starting any
9/17/85 Kill well w/2% K	20. Kill well w/2% KCl wtr. NDWH. NUB	ug & 75 jts of 1/1-4"

*See Instructions on Reverse Side

,	UN! D STATES RTMEN. OF THE IN			Budget Eureau I Expires August 5. LEASE DESIGNATION NM-010989	31, 1985 AND SERIAL NO.
SUNDRY NO (Do not use this form for pr Use "APP)	OTICES AND REPORT OF THE PROPERTY OF THE PROPE	TS ON WELLS	reservoir.	OCT 1 8 19	85
OIL GAS WELL X OTHE		0CT 11	1985	8. FARM OR LEASE NAM	
Tenneco Oil Company 8. ADDRESS OF OFERATOR P. O. Box 3249, Engle 4. LOCATION OF WELL (Report location)	ewood CO 80155	BUREAU OF LAND N FARMINGTON RESC		9. WALL RO.	
4. LOCATION OF WELL (Report location See also space 17 below.) At surface 1500' FSL, 4850' FEL	on clearly and in accordance wi	th any State requirement	ts.•	Blanco Mesay 11. SBC., T., B., M., OR B SURVEY OR AREA	verde
14. PERMIT NO.	15. ELEVATIONS (Show who	rther DF, RT, GR, etc.)		Sec. 25, T32	
	6226 GL	·		San Juan	NM
16. Check	Appropriate Box To India	ate Nature of Notic	e, Report, or O	ther Data	
NOTICE OF IN	TENTION TO:	_ {	#UBERQU	BHT REPORT OF:	
PRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other) 17. DESCRIBE PROPOSED OR COMPLETED proposed work. If well is dir	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON® CHANGE PLANS	SECOTING (Other) (Not	OR ACIDIZING Nell head results pletion or Recomple	of multiple completion etion Beport and Log for	nsing
10/1/85 MIRUSU. Kill well w/2 w/4-1/2" wireline - se w/2% KCL. Pressure te 10/2/85 NDBOP. Chang Picked up and tallied Come out of the hole 1	sted RBP to 500 ps le out secondary se and RIH w/2-3/8" t	ge plug. Set d i. Held o.k. al. NU tbg hd bg and retrievi	the plug at and PT sea ing head.	2500. Load th	ne hole NUBOP.
18. I hereby certify that the foregate	trus and correct				
SIGNED SIGNED	1- King TITLE	Senior Regulat	tory Analysi	DATE 10	7/85
(This space for Federal or State	office use)			ACCEPTED FOR	KECORD =
APPROVED BYCONDITIONS OF APPROVAL, I	TITLE		***	PUCT 151	935
	*See Instru	PERATOR Silverse Silverse Silverse	de	FAKININGIUN RESU SM N	UNUE AREA

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

TONEY ANAYA

1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (505) 334-6178

October 11, 1985

Mr. Peter Mueller Tenneco Oil Co. P.O. Box 3249 Englewood, CO 80155

Re: Fields LS #2A I-25-32N-11W

Dear Peter:

Your request for a deliverability retest for the referenced well is approved.

Sincerely,

Frank T. Chavez

District Supervisor

FTC/dj

xc: Santa Fe

EPNG

Well File

OPerator File

Tenneco Oil Exploration and Production

A Tenneco Company

6162 South Willow Drive PO. Box 3249 Englewood, Colorado 80155 (303) 740-4800

October 15, 1985

TENNECO

Western Rocky Mountain Division

R. L. Stamets, Director New Mexico Oil Conservation Division P.O. Box 2088

Santa Fe, New Mexico 87501

Re: Fields LS 2A - MV I-25-32N-11W San Juan County, NM

Dear Sir:

This is to request that an exception to Rule 107, requiring tubing in a producing gas well, be granted for the above well.

Tenneco took over operations on this well September 5, 1985 after the Leasesale Settlement was finalized. At this time, the well was making 1.6 MMCFD and 20 BOPD flowing up 2-3/8" tubing. Pressure bombs were then run, and a drawdown test performed. This test indicated the well was restricted by the friction drop in the tubing and could produce more if tubing was removed.

The next step was a workover where the 2-3/8" tubing was removed and 2500' of 1-1/4" injection string run. The well produced at 5 MMCFD and 650 BOPD with a wellhead temperature of 130° F. The higher rate increased the wellhead temperature $40-45^{\circ}$ above the paraffin melting point, so the 1-1/4" heat string was laid down. The existing wellhead configuration was also restricting production and was replaced with 4-1/16" gate values. Production then increased to 9 MMCFD and 1000 BOPD.

The attached diagram illustrates the current producing configuration. With 4-1/2" casing set to surface and cemented up into the 7" casing, the 7" is protected from flow essentially as if the well had a liner and tubing setup. Pressure will be monitored in the 7" x 4-1/2" annulus to insure integrity of the 4-1/2" casing is maintained.

If you have any questions, please call Pete Mueller at (303) 740-2496.

Sincerely,

TENNECO OIL COMPANY

P. M. Mueller

Project Production Engineer

lor P. m. Mueller

PMM:sh:5195 cc: J. S. Fox

Frank Chavez/NMOC-Aztec

Well File



COMPANY DEPT. FIELDS LS 2A SUBJECT I-25-T32N-R11W LOCATION 9 % " @ 235". CMT WY 224 CUFT CMT TOP @ SURFACE 7"@ 35/6" CMT WY 455 CUFT CMT TOP @ 1300' CASING PKR@ 5296 CMT WY 185 CUFT CMT TOPE 3000. 4/2@ 5471 10.5 " K-55 PERFORATIONS: 5360-70 5410-20

5454-60