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Santa Fe Leggs #1 Last Production No Records

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Santa Fe Leggs #2 Last Production

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Santa Fe Barbs #1 No Production Shown

ILLEGIBLE

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS

July 18, 1990

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDIN SANTA FE. NEW MEXICO 875 (505) 827-5800

A.P.A. Development Inc. P. O. Box 215 Cortez, Co. 81321

Attention: Patrick B. Woosley

Re: \$7,500 Single Well Cash Bond (0) A.P.A. Development Inc., Principal 990' FSL and 500' FWL of Sec. 10, T-21-N, R-10-W, San Juan County Bond No. OCD-238

Dear Mr. Woosley:

The Oil Conservation Division hereby approves the abovereferenced single well plugging bond effective this date.

Sincerely, WILLIAM J. LEMA Director

dr/

cc: Oil Conservation Division Aztec, New Mexico OIL CONSER. IN DIVISION RECEIVED

N DIVISION ()(D - 238

Form O & C act Adopted 5-1-36

'90 JUL 18 AM 8 58

SINGLE WELL CASH BOND

Know all men by these presents that <u>A.P.A. Development Inc</u> (an individual) (a partnership) (a corporation organized in the State of <u>Colorado</u> with its principal office at <u>P.O. Box 215</u> in the city of <u>Cortez</u>, State of <u>Colorado</u> and authorized to do business in the State of New Mexico) is held and firmly bound to the Oil Conservation Division of the State of New Mexico (or its successor agency) in the sum of \$<u>7.500.00</u> (<u>Seven Thousand</u>, Five Hundred Dollare), lawful money of the United States.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH THAT:

The above applicant/operator desires to drill a well or purchase or operate an existing well, the depth of which does not exceed 10,000 feet, to prospect for and produce oil, gas, or carbon dioxide resources on land owned by private individuals or the State of New Mexico, the particular identification and footage location of said well being as follows: 990 feet FSL and 500 feet FWL in Section 10, Township

21N , Range 10W , NMPM. San Juan County, New Mexico.

The applicant has deposited on behalf of the Division S 7,500.00, in the manner indicated on the attachment to this bond being the principal sum intended to be secured. Applicant pledges this sum as a guarantee that it, its executors, assigns, heirs or administrators shall plug the well described above if dry, or when abandoned, in accordance with the rules and orders of the Oil Conservation Division of the State of New Mexico in such way as to confine the oil, gas, and water in the strata in which they are found, and to prevent same from escaping to other strata. If the applicant does not so properly plug and abandon said well upon order of the Division, the total sum of the bond shall be forfeited to the Division, and such amount as is necessary may be used to properly plug said well. If the principal sum of this bond is less than the actual cost incurred by the Division in plugging said well, the applicant, its successors, assigns, heirs or administrators shall be liable under the provisions of Section 70-2-38 NMSA (1978) of the Oil and Gas Act, and the Division may take action, including the filing of legal proceedings, to recover any amounts expended over and above the principal sum of the principal sum of the principal sum of the principal sum of the provisions action, including the filing of the bond.

NOW THEREFORE, if the above applicant or its successors, assigns, heirs, or administrators or any of them shall plug the above-described well when dry or abandoned, in accordance with the rules, regulations, and orders of the Division, in such a manner as to confine the oil, gas, and water in the strata in which they naturally occur, and to prevent them from escaping into other strata, and further to clean up the surface location of said well, then therefore, this obligation shall be null and void and the principal sum shall be paid to the applicant, or its successors, heirs, or administrator, otherwise it shall remain in full force and effect.

A.P.A. Development Inc.	
OPERATOR	
P.O. Box 215. Cortez. CO 81321	
Address	
By Patur Bly solor	8v
By <u>Lature</u> Blue Signature	,
President	•
Title	

(Note: Principal, if corporation, all'a corporate seal here.)

1

Form O & G CCD Adopted 6-1-86

ASSIGNMENT OF CASH COLLATERAL DEPOSIT

(Must be a federally-insured bank or savings institution within the State of New Mexico)

Date June 28, 1990

Pursuant to Section 70-2-14, NMSA (1978), or successor provisions, A.P.A. Development Inc. (hereinafter referred to as "operator") of P.O. Roy 215 Cortez. CO 81321 (address) has deposited with the First National Bank of Farmington NM 87499-0540 (address) (herein termed financial institution), the sum of 7,500.00 dollars in Certificate of Deposit or savings account No. 301518687 . Operator hereby assigns and conveys all right, title and interest in the deposited sum to the financial institution in trust for the 011 Conservation Division of the Energy and Minerals Department or successor agency of the State of New Mexico. Operator and the financial institution agree that as to the deposited sum or fund:

- a. The Oil Conservation Division acquires by this assignment the entire beneficial interest in the fund, with the right to order the trustee in writing to distribute the fund to persons determined by the division to be entitled thereto, including the Division itself, in amounts determined by the Division, or to the operator upon sale or proper plugging of the well covered by this bond.
- b. Operator retains no legal or beneficial interest in the fund and has only the right to interest, if any, thereon, and to return of the fund upon written order of the Division.
- c. The financial institution agrees that the fund may not be assigned, transferred, pledged or distributed except upon written order of the Division or a court of competent jurisdiction made in a proceeding in which the Division is a party. The financial institution waives all statutory or common law liens or rights of set-off against the fund.

Operator agrees that the financial institution may deduct from interest due operator any attorney fees incurred by the financial institution if claim or demand via writ, summons or other process arising from operator's business is made upon the financial institution. FIRST WARTONAL BANK, FARMINGTON, NM

atu & Bu 670 Signature of Operator,

Personally or by Authorized Officer

<u>President. A.P.A. Development</u> Inc. Title

STATE OF NEW MEXICO SAN JUAN)ss.

17.00 Officer of Signature of Authorized Financial Institution

Loree Crabb Senior Vice President

On this <u>28TH</u> day of <u>JUNE</u>, 19 90, before me personally appeared and the person (persons) described in and who executed the foregoing instrument and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF. I have hereunto set my hand and seal on the day and year in this certificate first above written.

Onna 5 Ream PUBLIC

My commission expires:

STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS

July 11, 1990

POST OFFICE BOX 2058 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

.

A.P.A. Development Inc. P. O. Box 215 Cortez, Colorado 81321

Attention: Patrick B. Woosley

Re: Assignment of Cash Collateral for Plugging Bond

Dear Mr. Woosley:

I am in receipt of the Assignment of Cash Collateral which covers the Santa Fe Barbs SWD well. This is a reminder that before I can approve a bond for you a single well cash bond form must be completed and submitted to this office. I am enclosing a copy of this form for your convenience.

If you have any questions, please feel free to contact me.

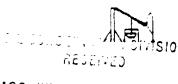
Sincerely, ichard son

DIANE RICHARDSON Administrator Bond Department



A.P.A. DEVELOPMENT INC.

P.O. BOX 215 CORTEZ, COLORADO 81321



'90 JUL 5 AM 9 33

July 2, 1990

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

hed sugle well

RE: Santa Fe Barbs SWDW

Dear Sirs,

Please find enclosed an assignment of cash collateral deposit in the amount of \$7,500.00 for the purpose of a plugging bond on the above mentioned well. Also find enclosed the application for authorization to inject for the same.

Neg 4-27-89

Sincerely,

Patrick B. Woosley President A.P.A. Development Inc.

cc: file

Enclosures

DISTRIBUTION SANTA FE FILE / U.S.G.S. LAND OFFICE	NEW	MEXICO OIL CONSE	RVATION COMMISSIO	Ν	Diens C-104 Herrineet 1-1-6 SA. Instante BTATE	Type of Lease
OPERATOR						
ADDUCATIO	N FOR REPUT TO	DRILL, DEEPEN, O	DO PLUC BACK			///////////////////////////////////////
a. Type of Work	N FOR PERMIT TO	DRILL, DEEPEN, L	JR PLUG BACK		7. Unit Agrow	
	1			_		1111 (11201#2
b. Type of Well DRILL X		DEEPEN	PLUG	ВАСК	8. Furm or L.e	use Name
OIL CAS WELL	OTHER		SINGLE X MUS	TIPLE	SANTA FE	
. Name of Operator	01468	······································	ZONE C	ZONE	9. Well No.	
DOME PETROLEUM C	ORP.				1	
. Address of Operator					-	Pool, or Wildout
501 Airport Driv	ve. Suite 107. F	armington. New J	Mexico 87401		Wildes	t Entrada
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UNIT LETT	IN M LOG	ATED <u>990</u>	LET FROM THESOU	th Line		///////////////////////////////////////
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					San Juan	
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//////////////////////////////////////	*******	14111111111111111	9. Proposed Depth	9A. Formation	<u></u>	20. Rotary or C.T.
			5800	Entrada		Rotary
1. Elevations (Show whether UF)	RT, etc. j 21A. Kind	& Status Plug. Bond 21	B. Drilling Contractor			Date Work will start
6404 G.R.	•	1	Four Corners Dr	illing		r 1, 1978
3.					1 000000	
	. P	ROPOSED CASING AND	CEMENT PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF	CEMENT	EST. TOP
13-1/4"	9-5/8"	32.3	200	20		Surface
8-3/4"	711	20 & 23	5800		(2 stage)	
•	l	1	1	ļ		
Operator propose Completion will will be used dur	be determined f	rom Logs. A Se	ries 900 (3000		Blowout P	reventor
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	EXPIRES L	2-19-78			SEP 7	
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WELL LUCATION AND ACREAGE DEDICATION PLAT

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Operator			•	Loung				Woli lin.
	EUM CORPORAT	ION		SANT	A FE-BARBS	3		1
	Suction .	Township		Hand		County		
<u>M</u>	10	21	N	101		San	Juan	<u>.</u>
Actual Footage Locat								
		outh	line and	500	fea	t from the	West	line
Ground Lovel Elev.	Producing For			Pool	•			Dudicated Acroages
6404	ENTRADA				DCAT			40 Acrou
 If more than interest and If more than 	royalty). one lease of di mmunitization, u	dedicated fferent own nitization,	to the well nership is d	, outline ledicated ag, etc?	each and ide to the well, l	ntify the	ownership th	all owners been consoli-
this form if n No allowable	ecessary.) will be assigne	d to the we	ell until all	interests	have been c	onsolidat	cd (by com	nted. (Use reverse side of munitization, unitization, approved by the Commis-
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			•		•			lling Foreman
				. }		•	Company	
					•			e Petroleum Corp.
		• •	•	i	•	•	Date 9/4	/78
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5001 5001 1066			10	SE	CON. CCAM DIST. 3		shown on the notes of o under my s is true or knowledge Dato survivo Sopto item function item functi	certily that the well location this plat was plotted from field inclual surveys made by me or supervisian, and that the same and correct to the best of my and belief.
· ·		1					Fred .	He Korr Jr.
personal particular	- 1020 INAU 10AU			1000	1000 80	<u></u> -	3950	

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JERRY APODACA

NICK FRANKLIN SECRETARY

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (505) 334-8178

September 12, 1978

Mr. H. D. Hollingsworth Dome Petroleum Corporation 501 Airport Drive, Suite 107 Farmington, New Mexico 87401

Re: Dome Petroleum Corporation Santa Fe Barbs #1 M-10-21N-10W

Dear Mr. Hollingsworth:

We are returning the acreage dedication plats for the above well. Please complete the form as indicated by the red marks and underscoring.

If you have any questions, please call this office.

Yours truly,

Frank T. Chavez Deputy Inspector

Enclosures

FTC:no

wo. OF COPIES RECEIVED	Form C-103
DISTRIBUTION	Supersedes Old
SANTA FE // NEW MEXICO OIL CONSERVATION COMMISSION	C-102 and C-103
	Effective 1-1-65
U.S.G. S .	Sa. Indicate Type of Lease
	State Fee X
OPERATOR 4	5. State Oil & Gas Lease No.
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOBALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPRICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	
	7. Unit Agreement Name
2. Name of Operator	8. Farm or Lease Name
Dome ^t Petroleum Corp.	Santa Fe-Barbs
3. Address of Operator	9. Well No.
501 Airport Drive, Suite 107, Farmington, N.M. 87401	
4. Location of Well	10. Field and Pool, or Wildcat
UNIT LETTER M	Wildcat-Entrada
THEWESL LINE, SECTIONTOWNSHIPZIN RANGEOW	. VIIIIIIIIIIIIIIIIIIIII
15. Elevation (Show whether DF, RT, CR, etc.)	12. County
AIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	San Juan
16. Check Appropriate Box To Indicate Nature of Notice, Report or O	ther Data
	T REPORT OF:
PERFORM REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
CHANGE PLANS	
OTHER Spud & Set	Surface
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 1703.

10/9/78 - Spudded 13 3/8" hole at 5:00 P.M. 10/9/78

- Ran 4 joints (185') 9 5/8" O.D., 32.3#, H-40, ST&C Casing.

Set at 197' KB. Cemented with 200 sx Class "B" Cement with 3% CaCL. Plug down at 1:15 A.M. 10/10/78. Circulated cement.

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

SIGNED J. Amodhell	Operations Manager	<u>0ATE</u> 10-19-78
Original Signed by A. R. Kendrick	SUPERVISOR DIST. #3	

CONDITIONS OF APPROVAL, IF ANY:

			Form C-103 Supersedes Old
DISTRIBUTION SANTA FE			C-102 and C-103
FILE	- NEW MEXICO OIL CONS	SERVATION COMMISSION	Effective 1-1-85
U.S.G.S.			Sa. Indicate Type of Lease
OPERATOR 4			5, State Oil & Gas Lease No.
SUNDRY	NOTICES AND REPORTS ON	WELLS MACK TO A DIFFERENT RESERVOIR.	
1.			7. Unit Agreement Name
OIL GAS WELL	OTHER- Water Disposal	Well	
2. Name of Operator			8. Farm or Lease Name
Dome Petroleum Corpor	ation		Santa Fe-Barbs
3. Address of Operator			9. Well No.
	ite 107, Farmington, N	New Mexico 87401	1
4. Location of Well			10. Field and Pool, or Wildcat
UNIT LETTER M . 99	10 FEET FROM THE South	LINE AND 500	Wildcat-Entrada
	10 TOWNSHIP 21N		
	15. Elevation (Show whether	DE BT CB etc.	12. County
(((((((((((((((((((6404 GR		San Juan
16, Check Ap	propriate Box To Indicate N	Nature of Notice. Report or	Other Data
NOTICE OF INT			ENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
PULL OR ALTER CASING	CHANGE PLANS	CASING TEST AND CEMENT JOB	
		OTHER Production Ca	sing X
OTHER			
		1	
17, Describe Proposed or Completed Opera work) SEE RULE 1103.	itions (Liearly state all pertinent det	ails, and give pertinent dates, includ	ling estimated date of starting any proposed
10/00/70	(A70 197 197 197 197 197 197 197 197 197 197		0070

10/23/78 Ran 5607", 134 joints, 7", 20# & 23#, K-55, R-3, ST7C casing set at 5607' KB. Cemented first stage w/430 sx 65/35 pozmis w/6% gel, 10# Gilsonite/sk. Followed w/100 sx Class B w/10% salt. Plug down at 10:40 am 10/23/78. Opened DV tool at 3876' and circulated 4 hours. Cemented second stage w/360 sx 65/35 pozmix w/6% gel, 10# gilsonite per sack. followed w/50 sx Class B w/10% salt. Plug down at 3:45 pm 10/23/78. Circulated cement on both stages

18. I hereby certify that the information above is true and con	nplete to the best of my knowledge and belief.	
SIGNED Acontanill	Operations Manager	DATE 10/31/78
Original Signed by A. R. Menirick	SUPERVISOR DIST. 43	DATE N 1972

С	ONDITIONS	OF	APPROVAL.	IF.	ANY:

SUBJECT: SALT WATER DISPOSAL WELL

ORDER NO. SWD-213

THE APPLICATION OF DOME PETROLEUM CORPORATION FOR A SALT WATER DISPOSAL WELL

ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 701 (C), Dome Petroleum Corporation made application to the New Mexico Oil Conservation Division on November 20, 1978, for permission to complete for salt water disposal its Santa Fe-Barbs Well No. 1 located in Unit M of Section 10, Township 21 North, Range 10 West, NMPM, San Juan County, New Mexico.

The Division Director finds:

(1) That application has been duly filed under the provisions of Rule 701 (C) of the Division Rules and Regulations;

(2) That satisfactory information has been provided that all offset operators and surface owners have been duly notified; and

(3) That the applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 (C) will be met.

(4) That no objections have been received within the waiting period prescribed by said rule.

IT IS THEREFORE ORDERED:

That the applicant herein, Dome Petroleum Corporation, is hereby authorized to complete its Santa Fe-Barbs Well No. 1 located in Unit M of Section 10, Township 21 North, Range 10 West, NMPM, San Juan County, New Mexico, in such a manner as to permit the injection of salt water for disposal purposes into the Entrada formation at approximately 5428 feet to approximately 5600 feet through 3 1/2 inch plastic lined tubing set in a packer located at approximately 5350 feet.

IT IS FURTHER ORDERED:

That the operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

That the casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing, or packer.

That injection pressure shall not exceed 1080 pounds per square inch as measured at the surface.

That the operator shall notify the supervisor of the Division's Aztec District Office before injection is commenced through said well;

That the operator shall immediately notify the Supervisor of the Division's Aztec office of the failure of the tubing, casing or packer in said well or the leakage of water from or around said well and shall take such steps as may be timely or necessary to correct such failure or leakage.

PROVIDED FURTHER: That jurisdiction of this cause is hereby retained by the Division for such further order or orders as may seem necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of applicant to comply with any requirement of this order after notice and hearing, the Division may terminate the authority hereby granted in the interest of conservation. That applicant shall submit montly reports of the disposal operations in accordance with Rule 704 and 1120 of the Commission Rules and Regulations.

APPROVED at Santa Fe, New Mexico, on this 8th day of December, 1978.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

JOE D. RAMEY Division Director

SEAL

-2-



)

Dome Petroleum Corp.

Suite 1500, Colorado State Bank Bldg. 1600 Broadway

DENVER, COLORADO 80202

TELEPHONE (303) 861-1230

TABULATION OF DEVIATION TEST

DOME PETROLEUM CORP. SANTA FE - BARBS #1 SAN JUAN COUNTY, NEW MEXICO M-10-21-10

DEVIATION	DEPTH
10	210
10	464
1 ₀ 1/4 ⁰	715
1-	1254
20	1553
10	2020
3/4 [°]	268 6
10	3130
10	3632
10	4157
10	5188
3/4 ⁰	5429

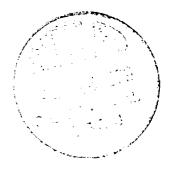
AFFIDAVIT

This is to certify that the above deviation tests are correct to the best of my knowledge.

12 Mingsurst H. D. HOLLINGSWORTH

DRILLING FOREMAN DOME PETROLEUM CORPORATION

Subscribed and sworn before me this day, the $\frac{14}{14}$ th day of August, 1979. ukers Notary Public tarin 12, 1980 My commission expires Ka





ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

41

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

	CONSERVATIO	DN DIVISION
	2088	
SANT	TA FE, NEW H	EXICO 87501
DATE	March	8, 1992
) –

RE: Proposed MC Proposed DHC Proposed NSL Proposed SWD Proposed WFX Proposed PMX

Gentlemen:

I have examined the application dated <u>March 1992</u> for the <u>Dome Petro Com</u> <u>Santa Fe Leas #1</u> <u>M-70-21N-10W</u> Operator Lease and Well No. Unit, S-T-R and my recommendations are as follows: <u>Dissapprove</u> <u>Too close to the water well for the Chan Conver National Park</u> <u>They use the Gallop for a water signly and already have to use a</u>

tor it

Yours truly,

Inite

NO. OF COPIES RECEIVED 6 DISTRIBUTION SANTA FE NEW MEXICO OIL CONSERVATION COMMISSION FILE U.S.G.S. LAND OFFICE 6 OPERATOR 6	Form C-103 Supersedes Old C-102 and C-103 Effective 1-1-65 Sa. Indicate Type of Lease State Fee XX 5. State Oil 6 Gas Lease No.
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.) 1. 01L WELL OTHER- WATER DISDOSAL WELL	7. Unit Agreement Name
WELL OTHER WATER DISPOSAL WELL 2. Name of Operator DOME PETROLEUM CORPORATION 3. Address of Operator	8. Farm or Lease Name SANTA FE BARBS 9. Well No.
501 Airport Drive, Suite 107, Farmington, New Mexico 87401 4. Location of Well UNIT LETTER	1 10. Field and Pool, or Wildcat WILDCAT-ENTRADA
THEVEST LINE, SECTION 10 TOWNSHIP 21N RANGE 10W HMPM.	
	12. County SAN JUAN
Check Appropriate Box To Indicate Nature of Notice, Report or Othe NOTICE OF INTENTION TO: SUBSEQUENT	
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING CHANGE PLANS OTHER	ALTERING CASING PLUG AND ABANDONMENT

1

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 1 103.

Injection of produced water was initiated into this well on August 24, 1979.

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

SIGNED BUILLING WORTH		DATE_	September	5,	1979
APPROVED BY	TITLESUPERVISOR DISTRICT # 3	DATE			• .

CONDITIONS OF APPROVAL, IF ANY:



Dome Petroleum Corp.

2900 Dome Tower 1625 Broadway Denver, Colorado 80202

TELEPHONE (303) 620-3000

February 24, 1982

Joe D. Ramey Secreatry Director New Mexico Oil Conservation Division P.O. Box 2088 Santa Fe New Mexico 87501

OIL CON

Re: Application for Salt Water Disposal Leggs Field

File: WF

Gentlemen:

Attached is our application for salt water disposal in the Leggs field.

Very truly yours,

DOME PETROLEUM CORP.

M. Chóran Sr. Reservoir Engineer

MC:jp

Attch.

cc: Frank Chavez Districe Office for NW New Mexico

> Chaco Culture National Historical Park Broomfield, New Mexico

Bureau of Indian Affairs Windowrock Arizona

Dome Petroleum Corp.

2900 Dome Tower 1625 Broadway Denver, Colorado 80202

TELEPHONE (303) 620-3000

February 24, 1982

Joe D. Ramey Secreatry Director New Lexico Oil Conservation Division P.O. Box 2088 Santa Fe New Mexico 87501

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M. Chóran Sr. Reservoir Engineer

MC:jp

Attch.

cc: Frank Chavez Districe Office for NW New Mexico

> Chaco Culture National Historical Park Broomfield, New Mexico

Bureau of Indian Affairs Windowrock Arizona <u>ITEM I - IV</u> On Form <u>ITEM V</u> Map 1

ITEM VI

Only the subject well Santa Fe Barbs #1 is in area of review. Data on this well is indicated in part III except well was spudded 10-14-78.

ITEM VII

- 1. Average injection rate 10,000 Bbl/D maximum rate 12,000 Bbl/D.
 - 2. The system is open.
 - 3. Average injection pressure is 750 psia maximum injection pressure 1000 psia.
 - 4. Attached is water analysis of Leggs #1. The disposal zone has a water salinity of 1600 ppm the water to be disposed has a salinity of 8670 ppm. Both classify as drinking water source.
 - 5. We determine water quality of Gallup zone by log interpretation. The logs on the Barbs No. 1 well indicates a good Gallup sand development field. Density porosity is 18-20% and the deep induction resistivity is 25-30 ohm m²/m for the interval 3316-3334'. The SP curve is reversing in this interval.

ITEM IX

Perforate and acidize

ITEM X

Logs have been sent

ITEM XI

No fresh water producing well within one mile

ITEM XII

By classification the Gallup classifies as a drinking water source. But the injection fluid also classifies as a drinking water source. The Gallup is not connected by faluts to any other zones.

ITEM XIII

Attached is proof of notice published in the Farmington Daily Times February 1, 1982. This occurs when the formation water is fresher than the mud filtrate. Rmf was .99 at $58^{\circ}F$ (which is approximately 7700 ppm). Maximum recorded temperature during logging was $130^{\circ}F$. Assuming $60^{\circ}F$ at the surface the temperature gradient in (130- $60^{\circ}F$) - 5600' = .0125^{\circ}F/ft. The BHT at 3320' should be $102^{\circ}F$. Rmf at $102^{\circ}F$ is .58. Rmfeq = .85 (Rmf) = .49 (using chart Gen-9). Using chart SP - 1 from Schlumberger chart book, ignoring bed thickness effect, and using SP = +15 then Rmfeq/Rwe = .55. It follows that Rwe = $\frac{.49}{.55}$ = .89. Using chart SP - 2 then Rw = 2.3. This equivalent to 1600 ppm salinity.

ITEM VIII

Data pertaining to planned injection at Leggs Field

Lithologic Detail: Sandstone, white to tan, medium sorting, angular, trace aragonic & calcite

Geologic Name: Dakota Sandstone

Thickness: 230 feet

Depth to Top: 4170 feet

Depth to Bottom: 4400 feet

Underground drinking water source underlying Dakota Morrison Formation - top 4490

Drinking water sources overlying Dakota Gallup S.S. - bottom 3650 Menefee - 1810

Cliff house - 1360

ITEM XIII

: 5

NOTICE Dome Petroleum Corp. proposes to change zones in an injection well at San-ta Fe Leggs Field to lower injection pressure. The well is located 990' FSL. 500' FWL. Section 10. Township 21N. Range 10W San Juan County. New Mex-ico. The change of zones will be from the Entrada Formation at a depth of 5516' 5595' to the Gallup Formation at a depth of 3000' 3400'. Maximum injection rate will' be 12.000 BBL of water/day with a max-imum injection pressure of 1000 PSL. Interested parties must file objec-tions or requests for hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico, 87501. within 15 days. Legal No. 10855 published in the Farmington Daily Times, Farmington, New Mexico on Monday, February 1, 1982.

1982.

	arare LAND OFFICE BUILDING BANYA FE NEW MI EL () () () () () () () () () () () () ()
APPLICA	TION FOR AUTHORIZATION TO INJECT
Ι.	Purpose: Discondary Recovery D Pressure Maintenauce Discontal Discontal
	Application qualifies for administrative approval? Xyes ind
11.	Operator: Dome Petroleum Corp.
	Address: 2900 Dome Tower, 1625 Broadway, Denver, Colorado 80202
	Contact party: Murray Choran Phone: (303) 620-3341
111.	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? X yes \Box no If yes, give the Division order number authorizing the project <u>SWD 213</u> .
- 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.
VII.	Attach data on the proposed operation, including:
	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and 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.
IX.	Describe the proposed stimulation program, if any.
×.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
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.
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.
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: Murray Choran Title Sr. Reservoir Engineer
	Signature: Date: Jan. 26, 1982
submi	e information required under Sections-VI, VIII, X, and XI above has been previously tted, it need not be duplicated and resubmitted. Please show the date and circumstance e earlier submittal. application for salt water disposal

111. 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:
 - 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, hule 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.

-

Dome Pet	roleum Corp.	Santa Fe	Barbs		
OPERATOR		LEASE			
. 1	990 FSL and 550			21N	10W
WELL NO.	FUOTAGE LOCATION	SECTIO	N .	TOWNSHIP	RANGE
•				•	
	•	······································			
Schem	atic	•	Tabula	r Data	
. •		Surface Casin			
		Size 9 5/	8 "	Cemented with	200 s
		TOC 197			
		·····		determined by	circulatio
		Hole size	13 1/4		
	•	Intermediate	Casing		
		Size	98	Cemented with	
•				determined by	
			······································	determined by	
		Hole size			
	•	Long string			
		Size 7	• •	Cemented with	940
-		TOC 5595	feet	determined by	
	•	Hole size	8 3/4"	· -	
	•		<u> </u>	·	
· · · ·		Total depth	5607		
		Injection into	erval	· •	
		3316	feet to	3334	feet
		(perforated of	open-hole,	indicate which)	leet
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Tub:	ing size	3 1/2	lined with	<u>Plastic</u> (material	,	set in a
		Baker FA		packer at	3266	feet
	describe cr_Data	•	ing-tubing seal).	מענ		
	describe <u>er Data</u> Name of	any other casi the injection (0-1			
<u>Oth</u> 1. 2.	describe <u>er Data</u> Name of Name of	any other casi the injection f Field or Pool (formation <u>Gal</u>	Leggs	No	
<u>Oth</u> 1. 2.	describe <u>er Data</u> Name of Name of Is this	any other casi the injection (Field or Pool (a new well dri)	formation Gall (if applicable)	Leggs ? /_7 Yes /X7	No	
<u>Oth</u> 1. 2.	describe <u>er Data</u> Name of Name of Is this	any other casi the injection (Field or Pool (a new well dri) or what purpose	formation (if applicable) lled for injection	Leggs ? /_7 Yes /X7 ginally drilled?	No	
<u>Oth</u> 1. 2. 3.	describe <u>er Data</u> Name of Name of Is this If no, f Has the	any other casi the injection of Field or Pool (a new well dril or what purpose As an Entrac well ever been plugging detai	formation Gal (if applicable) lled for injection e was the well ori da oil produce: perforated in any il (sacks of cemen	Leggs ? /_7 Yes /X7 ginally drilled? r other zone(s)? Li t or bridge plug(s)	st all such per used)	
<u>Oth</u> 1. 2. 3.	describe <u>er Data</u> Name of Name of Is this If no, f Has the	any other casi the injection of Field or Pool (a new well dril or what purpose As an Entrac well ever been plugging detai	formation Gal (if applicable) lled for injection e was the well origination da oil produce: perforated in any il (sacks of cemen ill still be us	Leggs ? /_7 Yes /X7 ginally drilled? r other zone(s)? Li	st all such per used)	
<u>Oth</u> 1. 2. 3.	describe <u>er Data</u> Name of Is this If no, f Has the and give	any other casi the injection (Field or Pool (a new well dril) or what purpose As an Entrace well ever been plugging detai 5566-5595 wi if necessar	formation <u>Gal</u> (if applicable) <u></u> lled for injection e was the well originate da oil produce: perforated in any il (sacks of cemen ill still be us y	Leggs ? /_7 Yes /X7 ginally drilled? r other zone(s)? Li t or bridge plug(s)	st all such per used) sposal zone	·····
<u>Oth</u> 1. 2. 3.	describe <u>er Data</u> Name of Name of Is this If no, f Has the and give Give the	any other casi the injection of Field or Pool (a new well dril) or what purpose As an Entrace well ever been plugging detai 5566-5595 will if necessar	formation Gal (if applicable) lled for injection e was the well originate da oil produce: perforated in any il (sacks of cemen ill still be us y name of any overly	Leggs ? /_7 Yes /X7 ginally drilled? r other zone(s)? Li t or bridge plug(s) sed as water dis	st all such per used) sposal zone ng oil or gas :	zones (pools) in

Dome Petroleum Corp.

2900 Dome Tower 1625 Broadway Denver, Colorado 80202

TELEPHONE (303) 620-3000

August 16, 1983

SANTA FE BARBS M-10-21-10

ECEI

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Mr. Joe D. Ramey Secretary Director New Mexico Oil Conservation Commission P.O. Box 2088 Santa Fe, NM 87501

AUG 1 8 1983 OIL CON. DIV. DIST. 3

Mr. Director:

Dome is here responding to the Energy and Minerals Department letter dated July 18, 1983, regarding surface pressure limitation in the Santa Fe Barbs #1 SWD well.

Dome had experienced a similar problem in its Snake Eyes Entrada Pool. A commission order permitting disposal of produced water into two zones was approved July 1983. Early indications are that this disposal method has allowed Dome to safely dispose of increased volumes of saltwater while increasing oil production to maximum efficient rates as well as reducing surface pressures much below earlier levels.

Dome is hopeful that a permanent solution to the SWD problem at Leggs Entrada Pool will be forthcoming since there is approximately 100 BOPD shut-in due to lack of SWD capacity.

It has been two weeks since the Snake Eyes Entrada SWD work was completed. We are continuing to monitor this work and will formalize a proposal to do likewise in the Santa Fe Barbs #1 well as soon as adequate injection history has been accumulated.

Dome wishes to follow the recommendation put forth in the July 18, 1983 letter until such permanent solution is found. Dome is here applying for administrative permission to dispose of Page 2 New Mexico Oil Conservation Commission August 16, 1983

saltwater into the Entrada zone at 1300 psi in the Santa Fe Barbs #1 well as had occurred in the past.

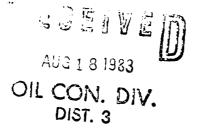
If you have any questions, please call (303) 620-3160.

Sincerely,

DOME PETROLEUM CORP.

und

L. A. Jenkins Sr. Reservoir Engineer



LAJ/vp

cc: Charles Gholson, Aztec District Office
H. D. Hollingsworth, Dome, Farmington
Bob Kelley, Dome, Denver



TONEY ANAYA

ENERGY AND MINERALS DEPARTMENT

AZTEC DISTRICT OFFICE

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

÷

July 18, 1983

Dome Petroleum Corp. 1625 Broadway Suite 2900 Denver, CO 80202

Re: Santa Fe Barbs #1 Me10-21N-10W

Gentlemen:

NMOCD monthly production report (form C-115) shows salt water is being disposed of into the referenced well at 1300 PSI. As you are aware the pressure limit is 1080 PSI. I am aware that your application to inject into the Gallup Formation was denied. It is my recommendation that you apply with the Division Director for a pressure limit increase to 1300 PSI.

If you have any questions, please call.

Yours truly,

Charles Gholson Deputy Oil & Gas Inspector

CG/ca

cc: Dick Stamets
 Prentiss Childs
 Judith Montoya, Inj. Control Coordinator, Santa Fe
 Reading file
 .Well file
 H. D. Hollingsworth, Dome Petroleum Corp., Farmington

OIL CONSERVATION COMMISSION DISTRICT

OIL CONSERVATION COMMISSION BOX 2088 SANTA FE, NEW MEXICO

DATE_ 11-27-72

RE:	Proposed	MC _	
	Proposed	DHC	
	Proposed	NSL	
	Proposed	SWD	
	Proposed		
	Proposed	PMX	

Gentlemen:

78 I have examined the application dated_ relenn Crup. M-10-21N-10 for the Dance Operator Lease and Well No. Unit

and my recommendations are as follows:

tare

Yours very truly,

ufrick



TONEY ANAYA

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

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

> > ;

July 18, 1983

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Re: Santa Fe Barbs #1 M-10-21N=10W

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111 a

Charles Gholson Deputy Oil & Gas Inspector

CG/ca

cc: Dick Stamets
 Prentiss Childs
 Judith Montoya, Inj. Control Coordinator, Santa Fe
 Reading file
 .Well file
 H. D. Hollingsworth, Dome Petroleum Corp., Farmington

OIL CONSERVATION	COMMISSION
anter	DISTRICT

OIL CONSERVATION COMMISSION BOX 2088 SANTA FE, NEW MEXICO

DATE_//-27-7

RE:	Proposed	MC	
	Proposed	DHC	$\overline{\mathcal{V}}$
	Proposed	NSL	
	Proposed	SWD	
	Proposed	WFX	
	Proposed	PMX	

Gentlemen:

I have examined the application dated____ /_ News. M-10-21N-10 for the Dance ! Operator Lease and Well No. Unit,

and my recommendations are as follows:

tarre

Yours very truly,

ullrick

P. O. Box 2794

Casper, Wyoming

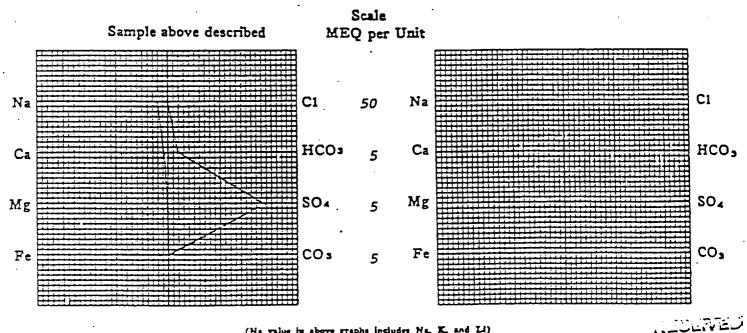
WATER ANALYSIS REPORT

OPERATOR	Dome Petroleum	DATE March 22, 1978 LAB NO. 26805-1
WELL NO	Santa Fe Leggs No. 1	
FIELD	· · · · · · · · · · · · · · · · · · ·	FORMATION
COUNTY	: •	INTERVAL
STATE	New Mexico	SAMPLE FROM
· · · · · · · · · · · · · · · · · · ·		
REMARKS & C	ONCLUSIONS: Sample submit	ted by Core Lab-Farmington.
	•	

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- Cations	<u>mg/1</u>	meq/1	Anions	<u>mg/1</u>	<u>meq/1</u>
Socium	2843	123.65	Sulfate	4660	96.9
Potassium	29	0.74	Chloride	700	19.74
Lithium			Carbonate	24	0.80
Calcium	66	3.29	Bicarbonate	683	11.20
Kagnesium	12	0.99	Hydroxide		
lron			Hydrogen sulfide	present	•
Total Ca	ions	128.67	Total Anio	70 5 -	128.63
Total dissolved solids, mg	/1	8670	Specific resistance @ 68°F.:		
NaCl equivalent, mg/1 -		6203	Observed	0.96	ohm-mete
Observed pH		8.3	Calculated		ohm-met

WATER ANALYSIS PATTERN



(Na value in above graphs includes Na, K, and Li) NOTE: Mg/1=Milligrams per liter Meq/1= Milligram equivalents per liver Sodium chloride equivalent=by Dunlep & Hawnborne calculation from components

MAR 2 7 1978

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SANTA FE		WELL COMPLE							Sa. Indicate State	n Tyjin of L	Fee X
U.S.G.S.	2								5, State OI	1 & Can Le	ase lio.
LAND OFFICE OPERATOR	2-										
IL. TYPE OF WELL									7. Unit Agr	eement Nar	ne
	011			0R Y 🗌	an an D	ISF	OSAL WI	ELL.			
b. TYPE OF COMPLET		_			07 HER <u>-</u>				8. Furm or	Lease Nam	e
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2. Name of Operator							•		9. Weil tio.		
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501 Airport E 4. Location of Well	Drive, Suit	<u>te 107, Farm</u>	ington,	New	Mex. 87	401		····· ·	WILDCAT	-ENTRAD	A ////////
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15. Date Spudded		Reached 17. Date						<i>RKB, RT</i> , (CR, etc.) 19.		ninghead
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24. Producing Interval(s), of this comple	tion - Top, Bottom	, Name							25. Was Dir Made	ectional Survey
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31. Perforation Record (Internal size on	d number)	<u> </u>		32.			PACTURE	CEMENT SC		TC
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5544-5552' "	ที่เ	11			5566'-55	95	•				cked with
5516-5536' "	98 9	• •						51,000#	10-20 s	and.	
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34. Disposition of Gas (Sold, used for fu	el, vented, etc.)						Te	it Witnessed I	Зу	1
35, List of Attachments	·	<u> </u>						<u>+</u> \ \			/
36. I hereby certify that	the information .	shown on both side	s of this fo	rm is true	e and complet	eω	the best of	my knowled	Ige and belie		
SIGNED 242	a de la compañía de la	1.75	TIT	LE	DRI	LL	ING FOR	EMAN	DATE	August	11, 1979
			··	······································			·				

INSTRUCTIONS

is to be filled with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conincluding drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall be reported for each zone. The form is to be filled in quintuplicate exception land, where six copies are required. See Hule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Sou	theastern New Mexico	Northwestern New Mexico 🧳					
-		T. Ojo Alamo					
		T. Kirtland-Fruitland					
		T. Pictured Cliffs					
		T. Cliff House					
		T. Menefee	T. Madison				
-	T. Silurian	T. Point Lookout 2202	T, Elbert				
	T. Montoya	T. Mancos 2294	T. McCracken				
T. San Andres	T. Simpson	T. Gallup 3000	T. Ignacio Qtzte				
T. Glorieta	Т. МсКее	Base Greenhorn 4143	T. Granite				
T. Paddock	T. Ellenburger	T. Dakota 4322	T				
T. Blinebry	T. Gr. Wash	T Morrison 4000	т				
T. Tubb	T. Granite	T. Todilto 5416	T				
T. Drinkard	T. Delaware Sand	T. Entrada 5424	T				
T. Abo	T. Bone Springs	T. Wingste	T				
T. Wolfcamp	Т	T. Chinle	T				
T. Penn	T	T. Permian	T				
T Cisco (Bough C)	T	T. Penn. "A"	T				
	011 08	GAS SANDS OR ZONES					
No. 1, from	to						
No. 2, from) toto				
No. 3, from	to						
	IMPO	RTANT WATER SANDS					
Include data on rate of water	inflow and elevation to which wat	er rose in hole.					
No. 1, from		fcct					
No. 2, from		feet,					
No. 3, from							
No. 4, from	to	fcct.					

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	
			· · ·				
		-					
			· · ·				

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	HO. OF COPIES RECEIVED] /		
	DISTRIBUTION	NEW MEXICO ON	CONSERVATION COMMISSION	D
	SANTA FE	REQUEST	FOR ALLOWABLE	Form C-104 Supersedes Old C-104 and C-1.
-	U.S.G.S.	-1	AND	Ellective 1-1-65
	LAND OFFICE	- AUTHORIZATION TO TR	ANSPORT OIL AND NATURAL	GÀS _
	IRANSPORTER OIL	1	411	E R.
	GAS]	- Q	
	OPERATOR	4	0	MAR
1.	PRORATION OFFICE	1		THE A
	TEXACO Inc.,		•	-OA 1980 ////
	Address D. O. Dour 2100			
), Denver, Colorado	80201	· 3 U/V
	Reason 1) for filing (Check proper box	•	Other (Please explain)	
	New W.	Change in Transporter of: Oil Dry G		
	Change In OPERATOR			
	If change of ownership give name and address of previous owner	ome Petroleum Corp.	, 1625 Broadway, Den	ver, Colorado
	· · _			
Π.	DESCRIPTION OF WELL AND	Well No.; Pool Name, Including F	Formation Kind of Leas	
	SANTA FE BARBS	1 LEGGS-ENT		l or Fee EEE
			and cor.	
	Unit Letter M : 99	O Feet From The South LI	ne and <u>500</u> Feet From	The ULEST
				··· ·
	Line of Section 10 To	within 2/N Range	10W , NMPM, SAN	J JUAN County
111	DESIGNATION OF TRANSPOR	TER OF OIL AND NATURAL GA	15	
	Nome of Authorized Transporter of Oli	or Condensate	Address (Give address to which appro	ved copy of this form is to be sent)
	·			
	Name of Authorized Transporter of Ca	singhead Gas or Dry Gas	Address (Give address to which appro	ved copy of this form is to be sent)
		Unit Sec. Twp. Pge.	1s gas actually connected? . Whi	en
	If well produces oil or liquids, give location of tanks.		1	
	If this production is commingled with	th that from any other lease or pool,	give commingling order number:	
	COMPLETION DATA	· Cil Well [†] Gas Well		
	Designate Type of Completic		New Well Workover Deepen	Plug Back Same Restv. Diff. Restv.
	Date Spudaed	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
	Lievations (DF, Rhb, RT, Gh, etc.	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
	Ferforations		<u>i</u>	De la Casta Cha
	Perrordoces			Depth Casing Shoe
!		TUBING, CASING, ANI	D CEMENTING RECORD	<u></u>
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
i				
				1
1			······································	<u>+</u>
V .	TEST DATA AND REQUEST FO	OR ALLOWABLE (Test must be a	fier recovery of total volume of load oil i	and must be equal to or exceed top allow-
	OIL WELL	able for this de	pih or be for full 24 hours)	
i	Date First New Oil Bun To Tanks	Date of Test	Producing Method (Flow, pump, gas lif	a, c.c./
	Length of Test	Tubing Pressure	Casing Presses La U	Choke Size
;				
	Actual Pred. During Test	Oil-Bhis.	Water-Bole. MAY 0 71984	Gas-MCF
i	······································	<u> </u>		
	GAS WELL		OIL CON. U.	V.
	WIN HELL	Length of Test	BEIS. Condensale MMC ST. 3	Gravity of Condensate
		j 		
,	Tearing Method (pitut, back pr.)	Turing Pressure (Shnt-in)	Cosing Pressure (Shut-in)	Choke Size
-				TION, ÇOMMISSION
¥1.	CERTIFICATE OF COMPLIANC	,E	CIL CONSERVA	7.1984
	I hereby certify that the rules and r		APPROVED	, 19
	Commussion have been complied w above is true and complete to the		BY	· Sauzy
	-	tor for Texaco Oils	Inc.	R DISTRICT W3
	-		TITLE	
	(DDD		This form is to be filed in c	
-	Al-R. mart	ture)	wall this form must be accompany	able for a newly drilled or deepened iied by a tabulation of the deviation
	Field Surt.	- ~ ,	tests taken on the well in accor	dance with AULE 111.
-	(7)	ie	able on new and recompleted we	at be filled out completely for allow- ils.
-	3-9-84	· <u>· · · · · · · · · · · · · · · · · · </u>	Fill out only Sections 1 II	. III, and VI for changes of owner, sr, or other such change of condition.
	(Da	(ø)	Separate Forms C-104 must	be filed for each pool in multiply



STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

TONEY ANAYA

September 30, 1985

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

Texaco, Inc. Box EE Cortez, CO 81321

Re: Santa Fe Barbs #1, M-10-21N-10W

Gentlemen:

NMOCD field inspection shows that salt water is being disposed of into the referenced well at 1350 psi. According to NMOCD Administrative Order No. SWD-213, the injection pressure is not to exceed 1080 psi. In order to inject at the present pressure of 1350 psi, you must apply with the Division Director for a pressure limit increase. A step rate test, witnessed by a NMOCD Representative, is required for the application. In July, 1983, Charles Gholson of NMOCD notified Dome Petroleum Corp. of injection pressures on the referenced well exceeding the pressure limit. A copy of this letter is enclosed for your referenced. You must apply for a pressure limit increase within 30 days or decrease the injection pressure to 1080 psi.

Field inspection of the flowline from the injection plant to the referenced well showed evidence of two leaks, which have been repaired. According to NMOCD Rule No. 116.2, a leak of 100 barrels or more of salt water is classified as a "major leak". This requires that the NMOCD receive immediate notification in person or by telephone and subsequent notification within ten days. Rule No. 116.3 classifies a leak of 25 barrels or more but less than 100 barrels of salt water as a "minor leak" and requires subsequent notification to NMOCD within ten days. Enclosed are some forms for notification of leaks for your convenience.

If you have any questions, please contact this office.

Your truly,

Carolyn A. Clipla

Carolyn J. Taplin Field Representative

CJT/dj Enclosure

xc: Prentiss Childs UIC File Well File



TONEY ANAYA

ENERGY AND IVIINERALS DEPARTIVIENT OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 ISOSI 334-6178

.

July 18, 1983

Dome Petroleum Corp. 1625 Broadway Suite 2900 Denver, CO 80202

Re: Santa Fe Barbs #1 M-10-21N-10W

Gentlemen:

NMOCD monthly production report (form C-115) shows salt water is being disposed of into the referenced well at 1300 PSI. As you are aware the pressure limit is 1080 PSI. I am aware that your application to inject into the Gallup Formation was denied. It is my recommendation that you apply with the Division Director for a pressure limit increase to 1300 PSI.

If you have any questions, please call.

Yours truly,

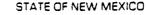
Charles Gholson Deputy Oil & Gas Inspector

CG/ca

cc: Dick Stamets
 Prentiss Childs
 Judith Montoya, Inj. Control Coordinator, Santa Fe
 Reading file
 .Well file
 H. D. Hollingsworth, Dome Petroleum Corp., Farmington

	U.S. OF COPIES RECEIVED DISTRIBUTION SANTA FE FILE U.S.G.S. LAND OFFICE	NEW MEXICO OIL REQUEST	CONSERVATION COMMIS FOR ALLOWABLE AND ANSPORT OIL AND N		Form C-104 Supersedes Old C-104 and C-114 Eliective 1-1-85
	IRANSPORTER OIL GAS OPERATOR				
1.	PROBATION OFFICE	1			
	Address	Denver, CO. 80201			
	Reason(s) for filing (Check proper be))	Other (Please e		
	Recompletion	Change in Transporter oi: Oii Dry G Casinghead Gas Conde		xaco o-	ge of ownership Last co Texaco
	L	Texaco Oils Inc., P			D. 80201
	DESCRIPTION OF WELL AND	LEASE			
	Lesse Nome Santa Fe Barbs	Well No. Pool Name, Including I 1 Leggs-Entra		(ind of Lease State, Federal or Fee	Fee
	Location Unit LetterM;_99	0Feet From The South_L	ne and <u>500</u>	Feet From The	West
	Line of Section 10 T	ownship 21N Range]	0W , NMPM,	San Juan	County
111.	DESIGNATION OF TRANSPOR			which approved copy	of this form is to be sent)
	Nome of Authorized Transporter of C				of this form is to be sent)
:			· .		of this form is to be sent
;	If well produces oil or liquida, give location of tanks,	Unit Sec. Twp. Pge.	le gas actually connected	7 ¦When	
•	If this production is commingied w COMPLETION DATA	ith that from any other lease or pool,			
	Designate Type of Completi	i	New Well Workover	Deepen Plug B	dack Same Restv. Dill, Restv.
:	Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.	.D.
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oll/Gas Pay	Tubing	g Depth
	Perforations		- 4	Depth	Casing Shoe
			D CEMENTING RECORD	kk	
	HOLE SIZE		DEPTH SET		SACKS CEMENT
v.	TEST DATA AND REQUEST F	OR ALLOWABLE (Test must be a	fier recovery of total volume	of load oil and must	be equal to or exceed top allow-
i	OIL, WELL Date First New Oil Run To Tanks	able for this de Date of Test	pth or be for full 24 hours) Producing Method (Flow, p		
	Length of Test	Tubing Pressure	Casing Pressure	Choke	Size
		Qil-Bbis.	Water - Bble.	Gae • M	
	Actual Prod. During Test	011* BBIS.			
•	GAS WELL				
•	Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity	y of Condensate
Ì	Teeting Method (pitot, back pr.)	Tubing Pressure (Shut-is)	Casing Pressure (Shut-1)	b) Choke	Size
VI. (CERTIFICATE OF COMPLIAN	CE	OIL CO	NSERVATION	
		regulations of the Oil Conservation	APPROVED	JUN 2	2.6.1987
	above is true and complete to the	with and that the information given a best of my knowledge and belief.	BY	Zant (Internet
	TEXACO INC. As O TEXACO PRODUCING SIGNED: A.A.K.	perator for INC.	TITLE	SUPERVISION	N DISTRICT # 3
	SIGNED: A. A. KL		If this is a reques	t for allowable for	ce with RULE 1104. a newly drilled or deepened
	(Sign AREA SUPERINTEND	siwe) ENT	well, this form must be tests taken on the well	e accompanied by (11 in accordance w	e tabulation of the deviation
-		sie)	able on new and recon	npleted wells.	led out completely for allow-
-		ile)	weil name or number, o Separate Forma C	r transporter, or oth	ner such change of condition. Major each pool in multiply
			completed wells.	In	RAFE
•				- KJ	uli en
•	••			Gr.	
				·**	

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ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS GOVERNOR

July 18, 1990

/ Church Clarker Sentor Fe Barbo POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 927-5800

JUL2 3 1990

OIL CON. DIV.

DIST, 3

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A.P.A. Development Inc. P. O. Box 215 Cortez, Co. 81321

Attention: Patrick B. Woosley

Re: \$7,500 Single Well Cash Bond A.P.A. Development Inc., Principal 990' FSL and 500' FWL of Sec. 10, T-21-N, R-10-W, San Juan County Bond No. OCD-238

Dear Mr. Woosley:

The Oil Conservation Division hereby approves the abovereferenced single well plugging bond effective this date.

Sincerely, WILLIAM J. LEMAN Director

dr/

cc: Oil Conservation Division Aztec, New Mexico

DISTRIBUTION SANTA FE	P. O. 80) Santa Fe, New		Form C-103 Revised 10-1-7:
FILE U.S.G.S. LAND OFFICE			Sa. Indicate Type of Lease State Fee X
OPERATOR]	•	5, State Oil & Gae Lease No.
166 867 USE THIS FORM FOR 980	Y NOTICES AND REPORTS ON	LEN TO'N DIFFERENT RESERVOID.	
L. OIL BAS WELL	orman. Water Disposal		7, Unit Agreement Name
2. Name of Operator A.P.A. Development Inc	· • .		8. Form or Lease liame Santa Fe Barbs
3. Address of Operator P.O. Box 215, Cortez,			9. Well No. #1
	0 FEET FROM THE South		//////////////////////////////////////
THE LINE, BECTIN	10 rownship 21N 15. Elevation (Show whether 1 6404 ' GR		i2. County San Juan
	Appropriate Box To Indicate Na ITENTION TO:		ther Data IT REPORT OF:
PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER Change of Owner a	PLUE AND ASANDON	REMEDIAL WORE	ALTERING CASING

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 1703.

This reports transfer of well ownership from Texaco Inc, to A.P.A. Development Inc.; and also, the designation of A.P.A. Development Inc. as the duly authorized operator of this well.

RECEIVEN	
SEP1 0 1990	•
OIL CON. DIV DIST. 3	

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

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HENED Patrick But how Con	President, A.P.A. Development	DATE 9/1/90
Demoves av Original Signed by FRANK T. CHAVEZ	SUPERVISOR DISTRICT # 3	SEP 1 2 1990

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CONDITIONS OF APPROVAL, IF ANY:

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STATE OF NEW MEXICO



ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

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

December 26, 1990

Mr. Patrick B. Woosley APA Development Co. P.O. Box 215 Cortez, CO 81321

RE: Santa Fe Barbs #1

Dear Mr. Woosley:

Our records indicate your company has been disposing of produced water from the Santa Fe Leggs #2 into the referenced well without a permit. OCD Rule #705.B states that whenever there is a continuous six month period of non-injection, the well will be considered abandoned and authority to inject shall be terminated. It is my understanding that you had applied to resume injection into the well. The request was subsequently returned to you unapproved because you had not acquired a plugging bond. Realizing that some confusion may have resulted, I will recommend that you not be penalized for this infraction. You are however directed to cease injection immediately. Failure to comply will result in fines of up to one thousand dollars per day per violation. You are also required to conduct a Mechanical Integrity Test before resuming operations.

When your request to resume injection is received it will be reviewed and if approved, a date can be set to conduct the test. This test must be witnessed by OCD personnel.

If you have any questions, you may contact me or Denny Foust at 505-334-6178.

Yours truly,

Charles Gholson Deputy Oil & Gas Inspector NMOCD District III

CG:sh

xc: Dave Catanach Bob Stovall Well File



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING GOVERNOR

POST OFFICE 80X 2088 STATE LAND OFFICE BUILDING SANTA FE. NEW MEXICO 87504 (505) 827-5800

MAR2 6 1991.

OIL CON. DIV.

March 19, 1991

A.P.A. Development Inc. Box 215 Cortez, Colorado 81321

Attention: Patrick Woosley

Re: Reactivation of Division Order No. SWD-213

Dear Mr. Woosley:

Reference is made to your request dated April 3, 1990, to utilize the Santa Fe-Barbs Well No. 1 located 990 feet from the South line and 500 feet from the West line (Unit M) of Section 10, Township 21 North, Range 10 West, NMPM, San Juan County, New Mexico, as a salt water disposal well with injection into the Entrada formation, Leggs Entrada Pool, through perforations from approximately 5516 feet to 5595 feet.

It is our understanding that the subject well was previously authorized for use as a salt water disposal well by Division Order No. SWD-213 dated December 8, 1978, and that you simply wish to reactivate the permit at this time.

It appears that the application has been duly filed, all offset operators and surface owner have been notified, no objections have been recieved, and all requirements prescribed in Rule 701 will be met. You are therefore authorized to utilize the Santa Fe-Barbs Well No. 1 as described above as a salt water disposal well subject to the following conditions:

- 1) Injection shall be into the Entrada formation through perforations from 5516 feet to 5595 feet;
- 2) 3 1/2 inch plastic lined tubing shall be utilized for injection and shall be set in a packer located at 5450 feet;
- 3) The injection well shall be equipped with a pressure limiting device which will limit the

wellhead injection pressure to no more than 1103 psi;

- 4) Prior to commencing disposal operations, the subject well shall be pressure tested, said test to the witnessed by a representative of the Division;
- 5) All other provisions contained within Division Order No. SWD-213 shall remain in full force and effect.

Sincerely, ٥ William J. LeMay Director

xc: OCD-Aztec File-SWD-213

NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON GOVERNOR

JENNIFER A. SALISBURY CABINET SECRETARY

June 25, 1997

Ms Trish Woosley A PA Development Corp PO Box 215 Cortez CO 81321

Re: A P A Development Corp., Santa Fe Barbs #1, M-10-21N-10W, 30-045-23227

Dear Ms. Woosley:

On 6-10-1997, an inspection of the above-mentioned injection well revealed that it's injection facility is still in the same state of disrepair and incapable of injection since the last inspection conducted on June 6, 1996.

It was determined by our office and our District Supervisor, Mr. Frank Chavez, that the referenced well has come under the directive of NMOCD rule #705-C. This rule stipulates that any injection project, storage, SWD well or injection well, which has had a continuous six month period of non injection, will be considered abandoned and the authority for injection will automatically end.

Ms. Woosley, if you intend to use the above referenced well in the future for injection, it will have to be repermitted for injection before it can be utilized.

Please feel free to contact me at (505)334-6178 if you have any questions.

Sipcerely,

Ernest Cardona Deputy O&G Inspector

EC/sh

XC: Well file

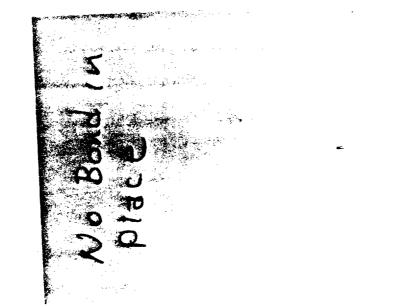
U.I.C file E.C

E.C file

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NO. OF COPIES ACCES	VED 5					•7	
DISTRIBUTION			NEW MEXICO OIL CONS	SERVATION COMMISSI	ON	ごじ - (パ Form C-101	5-2633
SANTA FE						Revised 1-1-6	
FILE	7					SA. Indicate	Type of Lease
U.S.G.S.	2				1	STATE	,7££ 🕅
LAND OFFICE						5. State Oil	& Gas Lease No.
OPERATOR							
						<u>IIIIII</u>	
	LICATION	FOR	PERMIT TO DRILL, DEEPEN	I, OR PLUG BACK			
In. Type of Work						7. Unit Agre	ement Name
D			DEEPEN	P) Li			
b. Type of Well				100		8. Farm or L	ease Name
WELL X	GAS WELL	i	0. HER	SINGLE M	ZONE	Santa	Fe-Leggs
2. Name of Operator						9. Well No.	
Dome Petro	léum (Corpo	oration			1	
3. Address of Operator	*Mine	erals	Management Inc.,	Suite 105,		10. Field and	d Pool, or Wildcat
501 Airpor	t Driv	ze, F	Farmington, New Mex	ico 87401		Wildca	t
4. Location of Well	UNIT LETTER	C	DLOCATED990	FEET FROM THE SOUT	h LINE	IIIII	
AND 2310	FEET FROM T	не Еа	ast LINE OF SEC. 11	TWP. 21N RGE.	10W NMPM		
		/////			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	12. County	
		$\overline{\Pi}$				San Ju	an (()()()()
	//////	/////			MMM		
	//////	1111				///////	
IIIIIIIIIII	$\Pi \Pi H$	IIII.	///////////////////////////////////////	19, Proposed Depth	19A. Formation		20. Rotary or C.T.
	11111	\overline{IIII}		6500'	Entrada	1	Rotary
21. Elevations (Show u			-	21B. Drilling Contractor		1	Date Work will start
<u>6359''ĠL;</u>	<u>6371'</u>	KB	Statewide	Four Corners	Drilling	Co.	7-15-77
23.							

PROPOSED CASING AND CEMENT PROGRAM

		JET TING DEFTH	SACKS OF CEMENT	EST. TOP
9 5/8	36.00	200	200	Surface
7	20 & 23	6500	1000(2Stage) Surface
	9 5/8 7			

1.

Operator proposes to drill an Entrada test to the depth of 6500'. Completion will be determined from logs. A Series 900 (3000 psi W.P.) blowout preventer will be used during drilling operations below surface pipe.

CONFIDENTIAL

10-11-77

JUL IST. 3

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUC-E ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

DATE	
	DATE



NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator DOME PET	TROLEUM COL	RPORATION	1	Leose	SANTA I	e legg	S	Well No. I	· · · · · · · · · · · · · · · · · · ·
Unit Letter J	Section 11	Township 21 NOF	RTH	Range	WEST	County SAN	JUAN		
Actual Footage Loc	otion of Well:								
990	feet from the	SOUTH	line and	2310	fe	et from the	EAST	line	
Ground Level Elev.	Producing	Formation		Pool				Dedicated Avereage:	
6359	Enti	ada		Wildo	at			40 -	Acres

1. Outline the acerage dedicated to the subject well by colored pencil or hachure marks on the plat below.

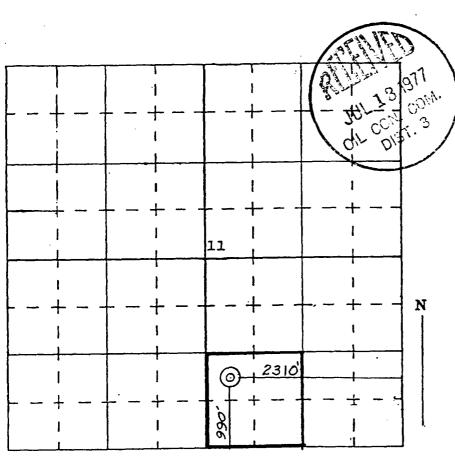
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty),

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc?

() Yes () No If answer is "yes," type of consolidation

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forcedpooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.



SCALE-4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Area Manager

Position Minerals Management Inc. Compony July 13, 1977 Date I hereby certify the wellingtion sh this plat was plotter from field more of surveys made by me is under my supervisio that the same is true and concert to the best hè best af MMESP. LL-AMESP LEEST knowledge and belief. 12 July 1977 Date Surveyed Registered Professional Engineer ond/or Lond Surveyor James P. Leese

1463 Certificate No.

		4	l				Supersedes Old C·102 and C-103
SANTA FE	/		NEW MEXI	CO OIL CONS	ERVATION COMMISSION		Effective 1-1-85
FILE		11				-	
U.S.G.S.		+					5a. Indicate Type of Lease
LAND OFFICE						ļ	State Fee Y
OPERATOR	/		l				5. State Oil & Gas Lease No.
<u></u>	SI				WELLS	Ł	, , , , , , , , , , , , , , , , , , ,
(CO NOT USE TH	USE TAP	OR PRO	Y NOTICES AND R	C-101) FOR SUC	MULLO BACK TO A DIFFERENT RESERVOIR IN PROPOSALS,)	. [
1.		~				p	7, Unit Agreement Name
WELL X	GAS WELL		OTHER-				
2. Hame of Operator							8, Farm of Lease Name
Dome Petro	leum	Cor	poration	<u></u>			Santa Fe-Legg s
			ils Managemen				9. Well No.
	t Dri	.ve,	Farmington,	New Me	xico 87401		1 /
4. Location of Well		~		G	0.01.0		10. Field and Pool, or Wildcat
UNIT LETTER)		90FEET FROM TH	South	2310	FEET FROM	Wildcat
						E	<i></i>
East	LINE,	SECTIO	ом Ц Ц тоwм		RANGE 10W	кмрм. [
	mm						
///////////////////////////////////////	IIIII.	////			DF, RT, CR, etc.)		12. County
mmm	71111,	711/	11111 032à.	GL, 63	11. KR		San Juan
16.	Ch	eck /	Appropriate Box To	o Indicate N	lature of Notice, Repor	rt or Othe	er Data
N	OTICE	OFIN	TENTION TO:		SUBS	EQUENT	REPORT OF:
	_	• .				_	
PERFORM REMEDIAL WOR	• K 🛄	•	. PLUG AN	D ABANDON	REMEDIAL WORK		ALTERING CASING
TEMPORARILY ABANDON				_	COMMENCE DRILLING OPNS.		PLUG AND ABANDONMENT
PULL OR ALTER CASING			CHANGE	PLANS	CASING TEST AND CEMENT JOB		e
					OTHER Spud & S	set Su	rface Casing
OTHER				L_J			
		ted Op	perations (Clearly state a	ll pertinent det	ails, and give pertinent dates,	including e	stimated date of starting any proposed
work) SEERULE (1103.						
7-16-77 S	Spudde	ed 1	.3 1/4" hole	àt 2:30	a.m.		
r) - m E		(1051) 0 5/	סוו סכוו		•	
C	lement	:ed	w/200 sx Cla	ss "B",	K-55, ST&C cas: 2% CaCl. Plug	down	t at 209' KB. at 10:15 a.m.
C	lircul	late	ed cement.				
					•		
				_	NTIAL		
			00	NFIDE	NIIG		and the second sec
			U U				
							<i>j</i>
							$\sim 10^{-1}$ M $_{\odot}$
							and the second sec
18. I hereby certify the	t the infor	mation	above is true and compl	ete to the best	of my knowledge and belief.		
·	6.		1		ea Manager		
S.	J. Z		Mr.			it Inc	. DATE July 18, 1977
SIGNED							· BATE OUTY 10, 15/7
- · . :	4 h u 4	Ð	kbrdrige -				
Original Signe	പാഴക			TITLE		_i3	DATE
		e			- w <u>i</u> · · · <u>_</u> -· · · · · ·		· · · · · · · · · · · · · · · · · · ·
CONDITIONS OF APPE	RUVAL, I	F ANY	•				

.

SANTA FE NEW MEXICO OIL CONSE	RVATION COMMISSION Effective 1-1-65
FILE /	Sa, Indicate Type of Lease
LAND OFFICE	State 🗌 🛛 Fee 🕅
OPERATOR /	5. State Oil & Gas Lease No.
SUNDRY NOTICES AND REPORTS ON W (DO NOT USE THIS FOR PROPOSALS TO DAILL OR TO DEPEN OR FLUG BAC USE "APPLICATION FOR PERMIT	VELLS CA TO A DIFFERENT RESERVOIR.
1. OIL X GAS OTHER-	7. Unit Agreement Name
2. Name of Operator	8. Farm or Lease Name
Dome Petroleum Corporation	Santa Fe-Leggs
3. Address of Operator & Minerals Management Inc., S	uite 105, 9. Well No.
501 Airport Drive, Farmington, New Mexic	co 87401 1 '
4. Location of Well	10. Field and Pool, or Wildcat
UNIT LETTER 0 990 FEET FROM THE South	LINE AND 2310 FEET FROM Wildcat
THE East LINE, SECTION 11 TOWNSHIP 21N	
15. Elevation (Show whether D	
6359' GL, 6371	KB San Juan
^{16.} Check Appropriate Box To Indicate Na	ture of Notice, Report or Other Data
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK PLUG AND ABANDON	REMEDIAL WORK ALTERING CASING COMMENCE DRILLING OPNS.
PULL OR ALTER CASING	CASING TEST AND CEMENT JOB
отнея	

8-1-77 Ran 5627', 136 jts, 7" (3426', 83 jts-20#; 2201', 53 jts-23#) K-55 ST&C casing set at 5630'. Cemented first stage w/390 sx Halliburton Light w/10# Gilsonite per sx tailed w/100 sx Class "B" w/10% salt. Plug down at 3:30 p.m. Opened DV tool at 2801' and circulated 4 hrs.

Cemented second stage w/420 sx Halliburton Light w/10# Gilsonite per sx tailed w/50 sx Class "B" w/10% salt. Plug down at 9:00 p.m. Circulated cement after opening DV tool and on second stage.

CONFIDENTIAL



18. I hereby certify that the information above is true and comple	te to the best of my knowledge and belief.	The second s
SIGNED Standy	Area Manager Minerals Management Inc. Date	8-2-77
APPROVED BY	TITLE DATE	7

CONDITIONS OF APPROVAL, IF ANY:

HO. OF COMES ACCEIV	LD						C-105
SANTA FE	┉┽┈┼──┥					Sa. Indica	te Type of Lease
FILE			MEXICO OIL CO			State	F•• X
U.S.G.S.		TELL COMPL	ETION OR REC	UMPLEIIC	N REPORT AND	S. State C	Dil & Gas Lease No.
LAND OFFICE							
OPERATOR							mmmmm
L	<u>_</u>						
19. TYPE OF WELL	·····					7. Unit Ad	greement flame
	01L			7			
b. TYPE OF COMPLE						B. Farm o	r Lease Name
		EN DE PLUG	DIFF.	OTHER		\$anta	Fe-Legg s
2. Name of Operator						9. Well No	· · · · · · · · · · · · · · · · · · ·
Dome Petrole						<u> </u>	
3. Address of Operator							and Pool, or Wildcat
501 Airport	Drive, F	armington	, New Mex:	ico 8740	1	Wildca	t - Entrada
4, Location of Well							
		0.0.0					
UNIT LETTER 0	LOCATED	990 rest r	ROM THE SOUL	LINE AND	2310 ,		
						12. Count	
THE East LINE OF			E. 10W NMP	<u>~ ())))))</u>	IIIXIIIIII	<u> San Ju</u>	an Alllill
15. Date Spudded	4				Clevations (DF, RKB,), Elev, Cashingh <u>e</u> ad
7-16-77	7-31-7		8-14-77		59' GR, 637		
20. Total Depth 5644 '	21. Ph	5588'	22. If Multi Many	ple Compl., Ho	w 23. Intervals ; Drilled By ;	0-5644 '	Cable Tools
					· · · · · · · · · · · · · · · · · · ·	0-5644	
24. Producing Interval(s), of this comple	tion - Top, Bottor	n, Name				25. Was Directional Survey Made
5404'-5608',							No
26. Type Electric and C Dual Induct	•	olog CNT	-Doncity	CDDUC	Conia	27.	Was Well Cored
						l	NO
28.			SING RECORD (Re				
	WEIGHT LB.					RECORD	AMOUNT PULLED
9 5/8	36	<u>21</u> 0 563		$\frac{1/4}{3/4}$	<u>200 sx</u> 960 sx (2	None
- <u></u>	2.582	0 303	<u> </u>	3/4	900 SX (2 stage)	None
					··· ····		
29.	 L	INER RECORD			30.	TUBING RE	
SIZE	тор	воттом	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					3 1/2	3002	
	<u> </u>		1				
31, Perforation Record	Interval, size an	d number)	- <u> </u>	32.	ACID, SHOT, FRACT	URE, CEMENT S	QUEEZE, ETC.
				DEPTH	INTERVAL		IND MATERIAL USED
5404'-5412'	with 2 j	et shots	per foot				mint.
						NEIDEN	IIAu
						ILVI IN	
						1. 1.	
33.				DUCTION			
Date First Production 8-14-77		Pumping	wing, gas lift, pum	nping - Size an	d type pump)		us (Prod. or Shut-in) QUCING
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	OII - Bbl.	Gus - MCF	Water - Bbl.	Gas – Oil Ratio
8-16-77	18		>	176	TSTM	23.4.	/
Flow Tubing Press.	Casing Pressur ——	e Calculated 2 Hour hate	4- 011 – Вы. 235	Gas — N TS	ICF Water – TM 3		ll Gravity – API (Corr.) 32
34. Disposition of Gas	Sold, used for fu	el, vented, etc.)			<u>. </u>	Test Witnessed R. Vig	
35. List of Attachments						J	·····
DST Record							
36. I hereby certify that	the information .	shown on both side	es of this form is t	rue and comple	e to the best of my kn	oveledge and belie	т. т. f.
ļ,	1	n	ית	roa Mana	aer		
SIGNED	and	IN		inerals	Management	Inc.	8-22-77
د د	· · · · · · · · · · · · · · · · · · ·	1			<u></u>		

deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all spaducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true verticate also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate state land, where six copies are required. See Bule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

South	eastern	New 3	lexi	l CO
-------	---------	-------	------	------

Northwestern New Mexico

	•						
			• — …		Ojo Alamo		
					Kirtland-Fruitland		
					Pictured Cliffs		
Τ.	Yates	Τ.	Miss	Т.	Cliff House 1343	Т.	Leadville
			Devonian		Menefee	T.	Madison
Т.	Queen	T.	Siturian	Т.	Point Lookout 2123	Т.	Elbert
Т.	Grayburg	Т.	Montoya	Т.	alancos		alcuracken
Τ.			Simpson		Gallup 2934 -	т.	Ignacio Qtzte
Т.	Glorieta	т.	McKee	Bas	e Greenhorn	Τ.	Granite
т.	Paddock	Т.	Ellenburger	т.	Dakota 4233'	Т.	
т.			Gr. Wash		Morrison 4324	Т.	
т.	Tubb	Т.	Granite	Τ.	Todilto52381	Т.	
					Entrada 5249'		
					Wingate		
	•				Chinle		
Т.	Penn	Т.		Τ.	Permian	Τ.	
Т	Cisco (Bough C)	T	· · · · · · · · · · · · · · · · · · ·	Т.	Penn. "A"	Т.	
			OIL OR GAS	SA	NDS OR ZONES		
No.	1, from		to	No	. 4, from		
No.	2, from	•••••	to	No.	5, from	,	.to
No.	3, from	•••••	ło	No.	6, from		.to
			ΙΜΡΩΡΤΔΝΙ	· .,	ATER SANDS	•	
. .							
Incl	ude data on rate of water inflow		d elevation to which water rose	in b	ole.		
No.	1, from	••••••	to		feet		
No.	2, from		to	•••••	feet	••••••	
No.	3, from		to	*****	fcet		••••••
No.	4, from	••••••	to		fcet		

FORMATION RECORD (Attach additional sheets if necessary)

From	То	Thickness in Feet	r ormation	From	То	Thickness in Feet	Formation
				4			

DOME PETROLEUM CORPORATION SANTA FE-LEGGS WELL NO. 1

DST RECORD

DST #1 4306'-4316' Preflow 15 min. Very weak blow. Shut-In 30 min. Final Flow 60 min. Very weak blow. Final Shut-In 120 min. Recovery: 758' water

> Top Recorder at 4290 Bottom Recorder at 4312 2002 IHP 2032 40-106 IFP 53-119 1910 ISIP 1913 106-225 FFP 119-385 1923 FSIP 1939 2002 FHP 2032

DST #2 5395'-5410' Tool Failure

DST #3 5395'-5410' Preflow 15 min. Good blow throughout. Shut-In 30 min. Final Flow 60 Min. Good blow to very good in 45 min. Final Shut-In 90 min. Recovery: 4145' oil, 120' oil cut mud

> Top Recorder at 5373 Bottom Recorder at 5407 2582 IHP 2594 107-642 IFP 122-652 2299 ISIP 2308 736-1637 FFP 774-1643 2339 FSIP 2349 \ 2501 FHP 2526

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

> CASE NO. 6059 Order No. R-5600

NOMENCLATURE

JAN

OIL CON. COM

DIST. 3

6 1978

APPLICATION OF DOME PETROLEUM CORPORATION FOR POOL CREATION, AN OIL DISCOVERY ALLOWABLE AND A SPECIAL DEPTH BRACKET ALLOWABLE, SAN JUAN COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 16 1977, at Santa Fe, New Mexico, before Examiner Richard L. Stamet:

NOW, on this <u>27th</u> day of December, 1977, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Dome Petroleum Corporation, is the owner of the Santa Fe-Leggs Well No. 1, located in Unit O of Section 11, Township 21 North, Range 10 West, NMPM, San Juan County, New Mexico.

(3) That said well was completed as an oil well capable of producing from the Entrada formation on August 13, 1977, through perforations from 5404 feet to 5412 feet.

(4) That the applicant seeks the creation of a new pool for Entrada production for said well, and the assignment of an oil discovery allowable in the amount of 27,020 barrels of oil to said well.

(5) That said well has in fact made discovery of a new oil pool, and is entitled to the assignment of such discovery allowable.

(6) That a new pool in San Juan County, New Mexico, should be created and defined, classified as an oil pool for Entrada Case 0. 6059 Order No. R-5600

CONSTRUCTION

production, and designated as the Leggs-Entrada Oil Pool, comprising the following-described lands:

TOWNSHIP 21 NORTH, RANGE 10 WEST, NMPM Section 11: All

(7) That the discovery well for said pool, the Dome Petroleum Corporation Santa Fe-Leggs Well No. 1, located in Unit O of said Section 11, should be assigned an oil discovery allowable in the amount of 27,020 barrels to be produced in addition to the well's regularly assigned allowable during the next 730 days.

(8) That the applicant further seeks the establishment of a special depth bracket allowable of 750 barrels per day for said Leggs-Entrada Oil Pool.

(9) That the well completed in the Leggs-Entrada Oil Pool is capable of producing large volumes of oil and water.

(10) That the ultimate recovery of oil in said pool will not be adversely affected by high rates of production but will instead be improved thereby.

(11) That approval of the application should serve to prevent waste and protect correlative rights.

(12) That the subject application should be approved.

IT IS THEREFORE ORDERED:

(1) That a new pool in San Juan County, New Mexico, classified as an oil pool for Entrada production, is hereby created and designated as the Leggs-Entrada Oil Pool, consisting of the following described area:

TOWNSHIP 21 NORTH, RANGE 10 WEST, NMPM Section 11: All

(2) That the discovery well for said pool, the Dome Petroleum Corporation Santa Fe-Leggs Well No. 1, located in Unit O of said Section 11, is hereby assigned an oil discovery allowable in the amount of 27,020 barrels, to be produced in addition to said well's regularly assigned allowable, at the rate of approximately 37 barrels per day during the next 730 days.

(3) That effective January 1, 1978, a special depth bracket allowable of 750 barrels of oil per day is hereby established for said Leggs-Entrada Oil Pool. (4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary

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

> STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairman

Cours & Um

EMERY Q. ARNOLD Member

JOE D. RAMEY, Member & Secretary

SEAL

jr/



DOME PETROLEUM CORP.

2900 Dome Tower 1625 Broadway Denver, Colorado 80202

TELEPHONE (303) 620-3000

March 9, 1982

J. D. Ramey Secretary Director New Mexico Gil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87501

> Re: Leggs Water Disposal Application

0-11-

File: WF

Gentlemen:

Attached is the most recent water analysis from Santa Fe Leggs No. 1. The water quality is better then previously seen. This should make the case for water disposal even more favorable.

Very truly yours,

DOME PETROLEUM CORP.

DISI 3

M. I. Choran Sr. Reservoir Engineer

MIC:jp

Attch.

cc: Frank Chavez District Office for NW New Mexico Aztec, New Mexico

> Chaco Culture National Historical Park Broomfield, New Mexico

Bureau of Indian Affairs Navajo Area Office Window Rock, Arizona

3428 Stanford Dr., N.E. Albuquerque, New Mexico 87107 Phone: 505-884-1411

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					File_W82065
Company Dome Pet	roleum Corp.	_Well Name_Sant	a Fe Leggs No.	Sample No	
Formation Entrad	a SS(Water) D	epth		_Sampled From	····
Location	Fiel	d_ Santa Fe Legg	sCount	ySta	ate <u>New Mexico</u>
Date Sampled 01	/27/82	Date Analyzed	02/26/82	AnalystJ.	F. Ashby
			-	1	
Total Dissolved	Solids <u>7469</u> m	g/L (calcultated) Sp	ecific Gravity	<u>1.005 @ 77 °</u> F
Resistivity 0.794	4_ohm-meters @	7 7 F (measu	red) Hy	drogen Sulfide_]	Positive
•		pH <u>8.0@</u>	<u>77 °</u> F	/	RELEIVAN
					MAR 1 1 1992
Constituents mg	/L meq/L		Constituents	mg/L meq/L	L CON. COM.
Sodium (calc.) Calcium		B.74 3.79	Chloride Bicarbonat	<0.1 \ -	DIST. 3
Magnesium	8.8 (0.72	Sulfate Carbonate	4550 94. <0.1 -	79
Iron Potassium	0.06 (0.00 .28	Hydroxide	<0.1 -	•
FOLASSIUM	11.0		-		
20	15 10	5 0	5	10 15	20
10) Na	Industriation in the second seco	1			C1 (X1)
					1
(X1) Ca					HCO ₃ (X1
(X1) Mg		nninn suimiminning an asin		n maanalaa faafaa saafaa far	SO4(X10
6					
(X1) Fe	արություրութնուրով		สโมยโลนไอนร้างการไหม่ไหมไม	a gadaadaxiiniinii kudaalar	CO ₃ (X1)

Scale: meq/L

Tese analyses, opinons or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use. The report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted): but "ere Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, profitableness of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

	DISTRIBUTION DISTRIBUTION SANTA FE // FILE // - U.S.G.S. ILAND OFFICE TRANSPORTER OIL // GAS	REQUEST	CONSERVATION COMMISSION FOR ALLOWABLE AND ANSPORT OIL AND NATURAL G	Form C-104 Supersedes Old C-104 and C-, Effective 1-1-65 GAS
1.	OPERATOR 2 PRORATION OFFICE			
	Operator Dome Petroleum Corr	oration		
	Address & Minerals Mana	gement Inc., Suite	105,	
	501 Airport Drive, Reason(s) for filing (Check proper box	Farmington, New Mex:	ico 87401	
	New We!!	Change in Transporter of:	Other (Please explain)	
	Recompletion	Oll Dry G		
	Change in Ownership	Casinghead Gas Conde	insate	
	If change of ownership give name and address of previous owner	·		
П.	DESCRIPTION OF WELL AND	LEASE		
	Lease Name	Well No. Pool Name, Including F	· · · · · · · · · · · · · · · · · · ·	Ledge 140.
	Santa Fe-Leggs	1 Wildcat - Er	ntrada State, Federal	or Fee Fee
	Unit Letter 0 ; 99	O Feet From The South Lin	ne and Feet From T	he East
	Line of Section 11 To	wnship 21N Range	10W , NMPM, San Ju	an
		whattp of the runge	<u>, 1907</u> , 1907, 2011 0 0	all County
Ш.	DESIGNATION OF TRANSPOR		AS Address (Give address to which approve	ed copy of this form is to be sent
	Permian Corporation		P.O. Box 1183, Houst	on, Texas 77001
	Name of Authorized Transporter of Ca	singh s ad Gas 🚺 or Dry Gas 🗍	Address (Give address to which approve	ed copy of this form is to be sent)
	If well produces oil or liquids,	Unit Sec. Twp. P.ge.	Is gas actually connected? When	n .
	give location of tanks.	O ! 11 21N 10W	No	
IV.	If this production is commingled with COMPLETION DATA	th that from any other lease or pool,	give commingling order number:	
	Designate Type of Completio	Oil Well Gas Well	New Well Workover Deepen	Plug Back Same Res'v. Diff. Res'v.
	Date Spudded	Date Compl. Ready to Prod.	X Total Depth	P.B.T.D.
	7-16-77	8-13-77	5644'	5588'
	Elevations (DF, RKB, RT, GR, etc.) 6359' GR, 6371' KB	Name of Producing Formation Entrada	Top Oil/Gas Pay 5404 1	Tubing Depth 3046'
	Perforations			Depth Casing Shoe
	5404'-5412'		CEMENTING RECORD	5630'
	HOLESIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
	13 1/4	9 5/8", 36#	209	200
	8 3/4	7", 20&23# 3 1/4", 9.3#	5630	<u>960 (2 stage)</u>
V.	TEST DATA AND REQUEST FO	OR ALLOWABLE (Test must be a able for this de	fter recovery of total volume of load oil an opth or be for full 24 hours)	nd must be equal to or exceed top allow-
	Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift,	elc.)
	8-13-77 Length of Teet	8-15-77 - 8-16-77 Tubing Pressure	Pumping Casing Pressure	Chote Size
	18 hrs.			
	Actual Prod. During Test	O11-Bbls.	Water - Bbls.	Gad-MCF
i	199 Bbl	11/0	<u> </u>	OIL DIST. 3
I	GAS WELL	Length of Test	Bbls. Condensate/MMCF	Gravity of Condenagle
	Actual Prod. 1001-MCr7D	• -	FNTIAI.	
	Testing Method (pitot, back pr.)	Tubing Pressure (Shabit) 11 11	Chaing Pressure (Shut-in)	Choke Size
VI.	CERTIFICATE OF COMPLIANO	: E		
				5 (11)
	I hereby certify that the rules and r Commission have been complied w	ith and that the information given	Original Signed by A	A. R. Kendrick
	above is true and complete to the	best of my knowledge and belief.	5T	
			TITLE SUPERVISOR DOCT.	
	Ma Lend up Brain		This form is to be filed in co	mpliance with RULE 1104. ble for a newly drilled or deepened
-	Area Manager / Sime		well, this form must be accompani tests taken on the well in accord	ed by a tabulation of the deviation
-	Minerals Mánagement		All sections of this form must	be filled out completely for allow-
	(Tiu) 8-17-77	(C)	able on new and recompleted well	III. and VI for changes of owner,
-	(Dai	ie)	well name or number, or transporter Separate Forms C-104 must	n or other such change of condition. be filed for each pool in multiply
			completed wells.	

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	DISTRIBUTION SANTA FE		CONSERVATION COMMISSION	Form C - LD4
	FILE	- REQUEST	FOR ALLOWABLE AND	Supersedes Old C-104 and C-1 Effective 1-1-65
	`U.S.G.S	AUTHORIZATION TO TR		
	LAND OFFICE	-		M CP
	TRANSPORTER GAS	4		M. SIN
	OPERATOR		C	NI MARI ER
1.	PRORATION OFFICE			~ 4/ge //i)
	TEXACO Inc.,			MAR 1 4 1984
	Address P. O. Box 2100), Denver, Colorado		
	Reason : 1 for filing (Check proper box)			
	New W.	Change in Transporter of:	Other (Please explain)	
	Recompletion	Oil Dry G	as	
	Change in OPERATOR	Casinghead Gas Conde	ensate	
	If change of ownership give name <u>D</u> and address of previous owner <u>D</u>	ome Petroleum Corp.	, 1625 Broadway, De	nver. Colorado
	and address of previous owner			
П.	DESCRIPTION OF WELL AND	Vell No.; Pool Name, Including F	Formation Kind of Lea	S.P.
	SANTA FE LEGGS	1 LEGGS-EN		ral or Fee FEE
	Location			JJJJJJJ
	Unit Letter :99	<u>70</u> Feet From The <u>SOUTH</u> Lir	ne and <u>2310</u> Feet From	The EAST
	Line of Section // Tow	vnship Z/N Range	10W , NMPM, SA	N JIANI County
				County (
Ш.	DESIGNATION OF TRANSPORT	CER OF OIL AND NATURAL GA	AS Address (Give address to which appr	aved cany of this form is to be seed
	PERMIAN CORP. Name of Authorized Transporter of Cas			
	Name of Authorized Transporter of Cas	inghead Gas or Dry Gas	P.D. Box 1183, HOUST Address (Give address to which appr	oved copy of this form is to be sent)
		Unit Sec. Twp. Ege.	Is gas actually connected? W	hen .
	If well produces oil or liquids, give location of tanks.	0 11 21N 10W		
	If this production is commingled wit			,,,,
IV.	COMPLETION DATA	Oil Weli Gas Well	New Well Workover Deepen	Plug Back Same Resty, Diff. Resty,
	Designate Type of Completio	n - (X)		
	Date Spudaed	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
	Eievations (DF, Rhb, RT, GR, etc.	Name of Producing Formation	Top Cil/Gas Pay	Tubing Depth
:				
	Perforations			Depth Casing Shoe
		TUBING CASING AN	D CEMENTING RECORD	
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
1		· · · · · · · · · · · · · · · · · · ·		
l				
	TEST DATA AND REQUEST FO		fter recovery of total volume of load oil opth or be for full 24 hours)	and must be equal to or exceed top allow
-	OIL WELL Tate Fire: New Oil Bun To Tanks	Date of Test	Producing Method (Flow, pump, gas l.	ift, etc.)
1			<u> </u>	l
	Lergin of Text	Tubing Pressure		Choke Size
	Actual Pres. During Test	Cli-Bbls.	Water Bble.	G. MCF
1			MAY 0 7100	NU I
			011 000	
	GAS WELL	Length of Test	BEIS. Condensaje MMCF. DIV	Gravity of Condeneate
			DIST. 3	
	Teating Method (pitul, back pr.)	Tubing Presews (Shnt-in)	Casing Presewe (Shut-in)	Choke Size
-	CERTIFICATE OF COMPLIANC	<u> </u>		ATION COMMISSION
¥ 1.	CERTIFICATE OF COMPLIANC	E	NATV	07 2984
	hereby certify that the rules and re		APPROVED	<u>V L AUDA</u> , 19
	Commission have been complied wi source is true and complete to the		BY	. Jan 2/
•	TEXACO Inc. as Opera	tor for Texaco Oils	INC. SUPERVISOR	אר דאומדאנ
	$\langle \rangle$			compliance with RULE 1104.
Ĺ	Ale-R.Mony		If this is a request for alloy	wable for a newly drilled or deepened
-	Field Surt. (Signat	we)	tests taken on the well in acco	
	(Tul	•		ust be filled out completely for allow-
	3-9-84		Fill out only Sections I. I	1. III. and VI for changes of owner,
-	(i.e.)	1	wall name or number, or transpor	ter, or other such change of condition. It be filed for each pool in multiply
		1		

NO. OF COPIES RECEIVED	-1						. 1 .			
DISTRIBUTION	-	NI								•.
SANTA FE	7					LOWABLE	ISSION	S S	orm C-104 upersedes Old	C-104 and C-110
U.S.G.S. '	- - AU	THORE	ZATION		AND	TOIL AND		· E	liective 1-1-85	
LAND OFFICE	_						TALUKAL	GAS		
IRANSPORTER GAS	-						. '	•.		
	-						1 · ·			
Operator (1)										
TEXACO INC.										
P.O. Box EE, Cort	ez, CO	. 813	321							
Reason(s) for filing (Check proper box	r)			····		Other (Please		· · · · · · · · · · · · · · · · · · ·	·	
New Well	Chan Oll	ge in Tra	nsporter of	lı Dıy Go					er was E gy Corp	Permian,
Change in Ownership	Casir	nghead G	as 🗍	Conde		now re	15 Gai	y Ener	gy corp	J.
f change of ownership give name and address of previous owner										·
DESCRIPTION OF WELL AND	LEACE		-				•		<u> </u>	
Lesse Name :	Well	No. Poo	l Name, Inc	cluding F	ormation		Kind of Leas	•		Legse No.
Santa Fe Leggs			Leggs	– Er.	trada		State, Federa	l or Fee	Fee	
•	90' Feet	From Th	• Sout	<u>h</u> ւտ	e and <u>2</u>	310'	_ Feet From '	The E	ast	
11		21N		ange	10W		-	ın Juan		
				unge		, №РМ,	30	un ouan		County
DESIGNATION OF TRANSPOR' Name of Authorized Transporter of Oil			D NATU	RAL GA		(Give address s	which appro	ved copy of a	his form is to	<u>he certi</u>
Gary Energy Corp.					1	[nvernes		•		
Name of Authorized Transporter of Car	singh s ad Ga	•	or Dry Gas		Address	Give address t	o which appro	ved copy of t	his form is to	be sent)
If well produces oil or liquids,	Unit	Sec.		P.ge.	ls gas ac	tually connecte	d? Whe	en		
give location of tanks.		11	21N	10W	1	10	İ			
f this production is commingied with COMPLETION DATA	th that from	n any oth	er lease	or pool,	give comm	ningling order	number:			
Designate Type of Completic	(X)	OII We	II Ga	s Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff. Res'v.
Date Spudded	Date Comp	l. Ready	to Prod.		Total Dep	i i	1 	P.B.T.D.		·
· · · · · · · · · · · · · · · · · · ·										
Elevations (DF, RKB, RT, GR, etc.)	Name of P	roducing	Formation		Top Oil/C	Jas Pay		Tubing De	pth .	
Perforations	<u></u>				1	<u> </u>		Depth Cas	ing Shoe	,
HOLESIZE	CAS		UBING SI		CEMENI	DEPTH SE		s	ACKS CEME	NT
······································										
				<u> </u>						
	1							1		
TEST DATA AND REQUEST FO	OR ALLO	WABLE	(Test m able fo			y of tota <mark>l volu</mark> m r full 24 hours)		and must be	iqual to or exc	eed top allow-
Date First New Oil Run To Tanks	Date of Te	ət				Mathod (Flow,	pump, sas lif			
Length of Teel	Tubing Pre				Casing Pf	7 45 (U)		Choke Size		
Candin of Leaf	105119110					0012	0			
Actual Prod. During Test	Oil-Bbls.				Water - Bb	OIL CO	<u>u suggi -</u>	Gas - MCF		
								• / • /		
GAS WELL			····				. 3	, 1		
Actual Prod. Test-MCF/D	Length of 7	reel			Bbis. Con	densate/MMCF		Gravity of	Condensate	
Testing Method (pitot, back pr.)	Tubing Pre	**W*(S	hut-in)		Casing Pr	essure (Shut-	Ln)	Choke Size		
ERTIFICATE OF COMPLIANC						OIL C	ONSERVA	TIONCO	MMISSION)C
;		- () (- 0			APPRO				$\Delta = 100$)
hereby certify that the rules and re Commission have been complied w bove is true and complete to the	ith and the	at th⊕ ir	formation	given	BY		Fran	hill	Jane L	
	•• ••	,						SUPERV	ISOR DURICT	# J
1	•			ay	TITLE	is form is to 1	he filed in c			
ļ.	SIG	NEU A.	R. MAR	`^	16.	his is s requi	at for allow	able for a r	ewly drilled	or deepened
(Bigna					l wall, th	is form must	be letambtr	NIGE BY E H	IBAHALISU SI P	ILS ABATELIOU
AREA SUPERINTENDE					A11	sections of t new and rec	his form mus	t be filled	out complete	ly for allow-
10/10/86				F 11	i out only Seme or number.	etions I. II.	III. and N	/I for change	of owner.	
(h	- •			1	i wallas	me ar number.	ur transport	an at aviat j	1991 VINIE	** **********

•	NO. OF COFIES RECEIVED DISTRIBUTION SANTA FE FILE		CONSERVATION COMMISSION FOR ALLOWABLE ANI)	Form C-104 Superseder Old C-104 and C-1, Ettersistin 1-1-65			
1	U.S.G.S. LAND OFFICE IRANSPORTER OIL GAS OPERATOR PRORATION OFFICE	AUTHORIZATION TO TR	ANSPORT OIL AND NATURAL GA	s			
	TEXACO INC.						
	Address P. O. Box EE, Co	ortez, CO. 81321					
	Reason(s) for filing (Check proper b New We!] Recompletion Change in Ownership	ox) Change in Transporter of: OII X Dry G	Other (Please explain) Previous transponder Energy Corp., 1 Industries Inc.	now it is Giant			
	If change of ownership give name						
	and address of previous owner	· • • • · · · ·	······································				
11	Lease Name	Vell No. Pool Name, Including F		Lease No.			
	Santa Fe Leggs	<u> </u>	ada State, Federal of	Fee Fee			
	Unit LetterO;	90' Feel From The South LI	ne and <u>2310'</u> Feet From The	East			
	Line of Section 11 T	ownship 21N Range 1	.0W , NMPM, San Jua	n County			
	DECIONATION OF TRANSPO			County			
-	Name of Authorized Transporter of C		AS Address (Give address to which approved	copy of this form is to be sent)			
	Giant Industries		P. O. Box 9156, Phoe Address (Give address to which approved				
			Notiers force autoress to match approved	copy of this form is to be sent,			
:	If well produces oil or liquids, give location of tanks.	Unii Sec. Twp. P.ge.	Is gas actually connected? When				
		O 11 21N 10W					
IV	. COMPLETION DATA	[†] Oil Well [†] Gas Well					
	Designate Type of Complet		New Well Workover Despen P	lug Back Same Res'v. Diff. Res'v.			
	Date Spudded	Date Compl. Ready to Prod.	Total Depth P	P.B.T.D.			
	Elevations (DF, RKB, RT, GR, etc.;	Name of Producing Formation	Tep Oll/Gas Pay	ubing Depth			
				· ,			
	Perforations		D	epth Casing Shoe			
		TUBING, CASING, ANI	CEMENTING RECORD				
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT			
			······································				
V.	TEST DATA AND REQUEST I	OR ALLOWABLE (Test must be a	fter recovery of total volume of load oil and	must be equal to or exceed top allow-			
	OII, WELL Date First New OII Run To Tanks	able for this de	pth or be for full 24 hours)	<u> 17 </u>			
				1 HARRA			
	Length of Teet	Tubing Pressure	Casing Pressure C	hoke, 6ize			
	Actual Prod. During Test	OII-Bble.	Water+Bble.	49-MCF			
		<u> </u>	<u> </u>				
	GAS WELL						
	Actual Prod. Test-MCF/D	Length of Test	Bbis, Condensate/MMCF G	ravity of Condensate			
	Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in) Cl	hoke Size			
	[
VI.	CERTIFICATE OF COMPLIAN	CE	OIL CONSERVATIO				
	I hereby certify that the rules and	regulations of the Oil Conservation	APPROVED	JAPR 30 1901			
	Commission have been complied	with and that the information given e best of my knowledge and belief.	BYSranked.	Sava			
	· · · · · · · · · · · · · · · · ·	• ····· • • ···· • · ····		SUPOVISOR DISTRICT # 3			
				blience with BULF 1104			
	DiC. Set	A. A. KEELER	This form is to be filed in compliance with RULE 1104. If this is a request for allowable for a newly drilled or deepened				
	AREA SUPERIN	atwe) PENDENT	well, this form must be accompanied tests taken on the well in accordance	CO with RULE 111.			
		ite)	All sections of this form must be filled out completely for allow- able on new and recompleted wells.				
	And Address of the Ad	<u>2 P 1067</u>	Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.				
			well name or number, or transporter, or other such change of condition. Separate Forms C-104 must be filed for each pool in multiply				

NO. OF COPIES ALCEIVED DISTRIBUTION SANTA FE FILE U.S.G.S. LAND OF FICE IRANSPORTER OIL TRANSPORTER OPERATOR I. PROMATION OF FICE Operator TEXACO INC. Address P. O. BOX 2100, Reason(s) for filing (Check proper box, New We!! Recompletion	REQUEST AUTHORIZATION TO TR	Other (Please explain)	Form C-104 Supersedes Old C-104 and C-110 Ellective 1-1-85			
Change in Ownership X	Oil Dry G Casinghead Gas Conde					
If change of ownership give name , and address of previous owner	Texaco Oils Inc., P	. O. Box 2100, Denver,	CO. 80201			
II. DESCRIPTION OF WELL AND I	Well No. Pool Name, Including F		Lease No.			
Santa Fe Leggs	1 Leggs-Entr		Fee Fee			
Unit Letter OH; 99() Feel From The South Li	ne and 2310 Feet From The	East			
Line of Section 11 Tow	mahip <u>21N</u> Range	10W , NMPM, San J	uan County			
III. DESIGNATION OF TRANSPORT Name of Authorized Transporter of Oil Giant Refinery Name of Authorized Transporter of Cas	or Condensate	AS Address (Give address to which approved P.O. BOX 9156, Phoe Address (Give address to which approved	enix, AZ 85068			
If well produces all or liquids, give location of tanks.	Unit Sec. Twp. Pge. M 11 21N 10W	Is gan actually connected? When				
If this production is commingled with						
IV. COMPLETION DATA	Oll Well Gas Well		Plug Back Same Resty, Dill, Resty,			
Designate Type of Completio	n — (X) Date Compl. Ready to Prod.	Total Depth 5	P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		ubing Depth			
Perforations	· · · · · · · · · · · · · · · · · · ·		Depth Casing Shoe			
HOLE SIZE	TUBING, CASING, AND CASING & TUBING SIZE	D CEMENTING RECORD	SACKS CEMENT			
	······································					
V. TEST DATA AND REQUEST FO	RALLOWABLE (Test must be a	j	must be equal to or exceed top allow-			
OIL WELL	able for this de Date of Teet	pth or be for full 24 hours) Producing Method (Flow, pump, gas lift, e				
Length of Test	Tubing Pressure	Casing Pressure C	hoke Sing the line of the second			
Actual Prod. During Teet	Oil-Bbls.	Water-Bbls. G				
			JUN2 5 igon,			
GAS WELL	•	•	UIL CON.			
Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF G	ravity of Condengate			
Teeting Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in) C	hoke Size			
VI. CERTIFICATE OF COMPLIANC	E	OIL CONSERVATI	ON COMMISSION			
 I hereby certify that the rules and re- 	gulations of the Oil Conservation	APPROVED	<u>V 26 1987</u> , 19			
Commission have been complied wi above is true and complete to the	th and that the information given best of my knowledge and belief.	BY	- Aunt			
TEXACO INC. As Op TEXACO PRODUCING	erator for INC.	TITLE SUPERVISION DISTRICT # 3				
BIGNED: A. A. MLEI	1 2	SUPERVISI This form is to be filed in comp If this is a request for silowabl	pliance with RULE 1104. a for a newly drilled or deepened			
AREA SUPERINTENDE	waj	well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.				
(Title		All sections of this form must be filled out completely for allow- able on new and recompleted wells.				
<u>6/19/87</u> (Date)	Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition. Separate Forms C-104 must be filed for each pool in multiply completed wells.				

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Appropriate District Office	
DISTRICT I	
P.O. Box 1980, Hobbs, NM	88240

DISTRICT II P.O. Drawer DD, Anesia, NM 88210

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

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico -87504-2088

Revised 1-1-89 See Instructions at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION	
TO TRANSPORT OIL AND NATURAL GAS	

I.		TOTRAN	ISPORT O	L AND NA	TURAL G	AS			
Operator						Well	API No.		
TEXACO INC.									
Address	•								
3300 N. Butler. Far Reason(s) for Filing (Check proper b		<u>NM 8740</u>	11		net (Please exp	ain) Deser			
New Well	,	Change in To	ansporter of:				vious tra Inc., no	ansport	er was ·
	Oil		ry Gas				pany effe		
Change in Operator	Casinghea	d G24 🗌 C	condensate	×.		OIT COM	pany erre	scrive -	10/01/8
f change of operator give name and address of previous operator									
IL DESCRIPTION OF WE	LL AND LE	ASE							
Lesse Name			ool Name, Includ	ling Formation		Kind	of Lesse Fee	i i	ease No.
Santa Fe Leggs		1 L	eggs-Entr	ada		State,	, Federal or Fee		
Location									
Unit Letter0	. 990	Fo	eet From The <u>S</u>	Lio	e and		eet From The _	E	Lia
Section 11 Tow	nship 21N	R	ange 1	OW ,N	MPM, San	Juan			County
Ш. DESIGNATION OF TR	ANSPORTE	R OF OIL	AND NATU	IRAL GAS					
Name of Authorized Transporter of C		or Condensat		Address (Gin	re address to w	hich approved	copy of this fo	rm is to be so	ent)
Meridian Oil Company	v		••••				<u>zton, NM</u>		
Name of Authorized Transporter of C	asinghead Gas	or	Dry Gas	Address (Giv	ne address to wi	hich approved	copy of this fo	rm is to be se	nı)
If well produces oil or liquids,	Unit	Sec. T	Mp. Rge.	Is gas actual	v connected?	When	, ,		
give location of tanks.				. Fre even	NO				
f this production is commingled with	that from any othe			ling order num				_	
V. COMPLETION DATA					·				
Designate Type of Completi	on - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Designate Type of Complete Date Spudded		I. Ready to Pr	 M	Total Depth	I	L			1
Late Spooled	Date Comp	L Realy with					P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Pr	oducing Form	1100	Top Oil/Gas	Pay		Tubing Depth		<u> </u>
				<u> </u>					
Perforations	•						Depth Casing	Shoe	
		UBING C	ASING AND	CEMENTI	NG RECOR	n	<u> </u>		
HOLE SIZE		ING & TUBI			DEPTH SET		S	ACKS CEME	INT
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	·						 		
. TEST DATA AND REQU	FST FOR A	LLOWAB	LE	I			<u> </u>		
)IL WELL (Test must be after	er recovery of Iou	al volume of la	ad oil and must	be equal to or	exceed top allo	wable for this	depth or be for	full 24 hour	តា
Date First New Oil Run To Tank	Date of Test			Producing Me	thod (Flow, pu	mp, gas lift, e	<i>ic.</i>)	जेत्र स	5 111
							*		<u></u>
length of Test	Tubing Pres	sure		Casing Pressu	æ		Choke Size	3 (389	
and Dering Test				Water - Bbls			Gas, MCF	:,; Fi	1
Actual Prod. During Test	Oil - Bbls.			··· 201 - 201K		*	1	T. 3	~ •]
GAS WELL				L			4	<u> </u>	
ACTUAL Prod. Test - MCF/D	Length of T	csi		Bhis. Condens	ale/MMCF		Gravity of Co	adensate	
						, .			
esting Method (pilot, back pr.)	Tubing Pres	sure (Shut-in)		Casing Pressi	re (Shut-in)		Choke Size		
			ANCE	l			<u>I</u>	<u></u>	
I. OPERATOR CERTIF				r	IL CON	SERV	ATION D	IVISIO	N
I hereby certify that the rules and re Division have been complied with a	guations of the C ad that the inform	nation given al	bove			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			. •
is true and complete to the best of n					Annrover	4	SEP 28	1989	
			i					A /	<u> </u>
SIGNED: A. A. KLEIER				By		-6	r). B	hand	
Signature		Area M	anager	_,		SUPER	VISION D	ISTRIC'	r # 3
Printed Name SEP 28 19	Pa	TIU	•	Title	•				
		Telenhow	ve No		. –				
Date		Telepho	JE [NO.						

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.

2) All sections of this form must be filled out for allowable on new and recompleted wells.

3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.

4) Separate Form C-104 must be filed for each pool in multiply completed wells.

/ STATE OF NEW MEXICO



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ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

Santa Fe

GARREY CARRUTHERS

September 21, 1990

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING BANTA FE, NEW MEXICO 87504 (505) 827-5800

A.P.A. Development Inc. P. O. Box 215 Cortez, Co. 81321

Attention: Patrick B. Woosley

 \bigcirc

Re: \$7,500 One-Well Plugging Bond A.P.A. Development, Inc., Operator 2310' FWL and 990' FSL of Sec. 11, T-21-N, R-10-W, San Juan County Bond No. OCD-246

Dear Mr. Woosley:

The Oil Conservation Division hereby approves the above-captioned one-well plugging bond effective this date.

Sincerely, WILLIAM J. LEMAY Director

.... FEB1 2 1993 OIL CON. DIV. DIST. 3

.:

dr/

cc: Oil Conservation Division Aztec, New Mexico STATE OF NEW MEXICO



ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

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

April 22, 1992

Mr. Patrick Woosley APA Development Inc. P.O. Box 215 Cortez, CO 82321

SANT Fe LeGES#1 0-11-21-10

RE: Santa Fe Leggs Lease

Dear Mr. Woosley:

A field inspection conducted by personnel from this office on 4-20-92 revealed that the referenced lease is in a deplorable condition. Specifically the central tank battery has run over, the fire wall is half full of oil and sludge and the tanks are covered with oil. The #1 well has a 20'x 30' <u>unfenced</u> pit which is full of oil and produced water, there is no well sign and the entire location is oil stained and junky. The #2 well has puddles of oil and junk on location.

You are in violation of the following rules and regulations. Rule 116 unreported oil spill at tank battery. Rule 310-B -No sign on tank battery. Rule 103 - No well sign on well #1. Migratory bird order R-8952 all pits are to be netted in accordance with the order.

You are hereby directed to immediately file a spill report and initiate clean up activity. We will reinspect the lease within the next 2 weeks. If progress has not been made toward cleanup, I will recommend that the lease be shut in until cleanup is completed.

Yours, truly,

Jurlin

Charles Gholson Deputy Oil & Gas Inspector

CG/dj

xc: Bob Stoval Operator File

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TABULATION OF DEVIATION TEST DOME PETROLEUM CORPORATION SANTA FE-LEGGS WELL NO. 1 SAN JUAN COUNTY, NEW MEXICO

DEVIATION	DEPTH
1/20	182'
3/40	729'
10	1223'
3/40	1819'
1/20	2328'
$1/2^{\circ}$	2825'
1/40	3329'
20	3848'
$3 1/2^{\circ}$	4128'
20	4285'
$1 1/2^{\circ}$	4475'
$1 \frac{1}{2^{\circ}}$	4675'
1°	4881'
10	5379'
$1 \frac{1}{2^{\circ}}$ 1° 1° 2°	5640'

AFFIDAVIT

This is to certify that the above deviation feature are correct to the best of my knowledge.
Mic Landry eyewey W. E. Landry MANN Area Manager Minerals Management Inc. AUG 18 1977 OIL CON. CO. A. DIST. 3
Subscribed and sworn to before me 17 of aut ,
1977. My commission expires <u>8-4-1978</u> . Notary Public <u>kanen</u> yoh.

	NO. OF TOPIES RECEIVED	7	/				
	DISTRIBUTION		CONSERVATION COMMISSION				
	SANTA FE		FOR ALLOWABLE	Form C-104 Supersedes Old C-104 and C-110			
	FILE		AND	Effective 1-1-65			
	U.S.G.S.	AUTHORIZATION TO TR	ANSPORT OIL AND NATURAL	GAS			
	LAND OFFICE						
	TRANSPORTER OIL	_		n E C E I V E IN			
	GAS	4					
	OPERATOR	-					
1.	PRORATION OFFICE			JANO 3 1990			
				OIL CON. DIV.			
	A.P.A. Development In Address	<u>nc</u> ,					
	P.O. Box 215, Cortez	CO 81221		DIST. 3			
	Reason(s) for filing (Check proper box		Other (Please explain)				
	New Well	Change in Transporter of:					
	Recompletion	Oil Dry G	as				
	Change in Ownership	Casinghead Gas 📃 Conde	ensate				
	If change of ownership give name and address of previous owner	Texaco Inc., P.O. Box 2	100. Denver, CO 80201				
П.	DESCRIPTION OF WELL AND	LEASE	······				
	Lease Name	Well No. Pool Name, Including f		Lease 110.			
	Santa Fe Leggs	<u> </u>	State, Feder	al or Fee			
	Location						
	Unit Letter 0 ; 99	PO Feet From The South LI	ne and 2310 Feet From	The <u>Fast</u>			
	11 -		1011				
	Line of Section 11 To	wnship 21N Range	10W , NMPM, San Ji	lan County			
111	DESIGNATION OF TRANSPORT	TER OF OIL AND NATURAL G	45				
	Name of Authorized Transporter of Oil	or Condensate	Address (Give address to which appro	oved copy of this form is to be sent)			
	Giant Refinery		P.O. Box 9156, Phoeni:				
	Name of Authorized Transporter of Ca	singhead Gas 🔄 or Dry Gas 🚞	Address (Give address to which appro	oved copy of this form is to be sent)			
	If well produces oil or liquids,	Unit Sec. Twp. Rge.	is gas actually connected? Wi	nen .			
	give location of tanks.	0 11 21N 10W					
	If this production is commingled wi	th that from any other lease or pool,					
IV.	COMPLETION DATA						
	Designate Type of Completio	Oil Well Gas Well	New Well Workover Deepen	Plug Back Same Restv. Diff. Restv.			
			۲ <u>۲</u> ۲ ۱ 				
	Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.			
		New A Destruction Francisco	The Oll (Ore Dev)				
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oll/Gas Pay	Tubing Depth			
	Perforations	1	.1	Depth Collind Shart			
	- dilotations		S E				
	TUBING, CASING, AND CEMENTING RECOR						
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	CALCENENT			
			AL	N2 (1,30			
			······································	Del DIV.			
			OIL	CON			
i		I	1	DIS1. 3			
ν.	TEST DATA AND REQUEST F	OR ALLOWABLE (Test must be a		and must be equal to or exceed top allow-			
,	OIL WELL	able for this de	epth or be for full 24 hours)	Z			
	Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas li	<i>jt, etc. j</i>			
		Tubles Bassan	Casing Pressure	Choke Size			
	Length of Test	Tubing Pressure	Cusing Presswe				
	Astual Date During Test	Oil-Bbis.	Water - Bbls.				
	Actual Prod. During Test						
1	······································	1	1	<u></u>			
	GAS WELL						
[Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate			
l	Testing Method (pitot, back pr.)	Tubing Pressure (Shut-ia)	Casing Pressure (Shut-in)	Choke Size			
VI.	CERTIFICATE OF COMPLIANO	CE	OIL CONSERVA	TION COMMISSION			
	I hereby certify that the rules and r	egulations of the Oil Conservation	APPROVED JAN 27				
	Commission have been complied w	ith and that the information given	Original Signed by CHARLE	S GITULOON			
	above is true and complete to the	over or my knowledge and belief.	BY	NEDRETOD CART 0			
	4		TITLE DEPUTY CIL & GAS	Nationum, Uist. gr			
	$\wedge \perp \wedge \wedge$			compliance with RULE 1104.			
	your th	Wooler	If this is a request for allow	able for a newly drilled or deepened			
-	/Simo		well, this form must be accompa	nied by a tabulation of the deviation			
	Pros. APA.	-	tests taken on the well in accord				
-	(Tiu	(e)	All sections of this form mu able on new and recompleted we	st be filled out completely for allow-			
	1/2/90		Fill out only Sections I. D	III. and VI for changes of owner,			
· -	(Dai	e)	well name or number, or transport	en or other such change of condition.			
				t be filed for each pool in multiply			
			completed wells.				



GARY E. JOHNSON GOVERNOR OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1000 RIO BRAZOS RUAD AZTEC, NEW MEXICO 87410 (506) 334-6170 Fak (555)334-5170

JENNIFER A. SALISBURY CABINET SECRETARY

June 5, 1997

APA Development Corp PO Box 215 Cortez CO 81321

RE: Inactive Wells

To Whom It May Concern:

Our records indicate that the wells on the attached list are inactive and not in compliance with Rule #201.B.

Please submit plans to bring these wells into compliance within 30 days. Review Rules #202 and #203 for the necessary filing requirements to plug and abandon or temporarily abandon these wells.

Contact this office if you have any questions.

Sincerely,

Johnny Rolinson

Johnny Robinson Deputy O&G Inspector

JR/sh

attachment

XC: TA File

JDR File

Well Files

APA DEVELOPMENT CORP

. . . .

API#PROPERTY NAMENUMBERLOCATION30-045-22633Santa Fe Leggs1O-11 21N 100

;

30-045-22633	Santa Fe Leggs	1	O-11-21N-10W
30-045-23027	Santa Fe Leggs	2	N-11-21N-10W

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OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE AZTEC MS 57416 (505) 334-4170 FAX: (505) 334-4170 Ip:Temmed.state.rm.us/sociOipit M/244stat.htm

GARY E. JOHNSON

Jennifer A. Salisbury CABINET SECRETARY

November 24, 1997

Rand Carroll EMNRD General Counsel 2040 S Pacheco Santa Fe NM 87505

RE: APA Development Corp Santa Fe Leggs #1, O-11-21N-10W, 30-045-22633 Santa Fe Leggs #2, N-11-21N-10W, 30-045-23027

Dear Rand:

I have enclosed a copy of the inactive well letter dated June 5, 1997, requiring the operator to submit a plan to bring the wells into compliance within 30 days. To this date, I have received no plans for these wells nor have my phone calls been returned. Please docket a case for hearing to show cause why the referenced well should not be plugged and abandoned accoring to a Division-approved plugging program using the OCD 246 lplugging bond (\$7500 per well).

Sincerely,

ohmy Rolumon

Johnny Robinson Deputy O&G Inspector

JR/sh

enc.

cc: Well files

TA file

APA Dev Corp PO Box 215 Cortez CO 81321



OIL CONSERVATION DIVISION AETEC DISTRICT OFFICE AETEC INI 87418 (505) 334-6178 FAX: (806) 334-6179 B-Termin Linker/Division (1/2,000) 100

GARY E. JOHNSON

Jennifer A. Salisbury CABINET SECRETARY

November 24, 1997

Rand Carroll EMNRD General Counsel 2040 S Pacheco Santa Fe NM 87505

RE: APA Development Corp Santa Fe Leggs #1, O-11-21N-10W, 30-045-22633 Santa Fe Leggs #2, N-11-21N-10W, 30-045-23027 Santa Fe Barb s* 3

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myRolunion

Johnny Robinson Deputy O&G Inspector

JR/sh

enc.

cc: Well files

TA file

APA Dev Corp PO Box 215 Cortez CO 81321

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STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS

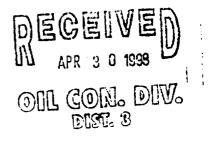
September 21, 1990

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 97504 (505) 827-5800

A.P.A. Development Inc. P. O. Box 215 Cortez, Co. 81321

Attention: Patrick B. Woosley

Re: \$7,500 One-Well Plugging Bond A.P.A. Development, Inc., Operator 2310' FWL and 990' FSL of Sec. 11, T-21-N, R-10-W, San Juan County Bond No. OCD-246



Dear Mr. Woosley:

The Oil Conservation Division hereby approves the above-captioned one-well plugging bond effective this date.

Sincerely, WILLIAM J. LEMAY Director

dr/

cc: Oil Conservation Division Aztec, New Mexico
 Struct
 Li Division

 RE
 ED

 (Must be a federally-insured bank or savings institution within the State of New Mexico)

 90 SEP 24
 AM 9 26

 Date
 September 18, 1990

Pursuant to Section 70-2-14, NMSA (1978), or successor provisions, A:P.A. Development Inc. [hereinafter referred to as "operator"] of P.U. Box 215. Cortez. CO 81321 [address] has deposited with the First National Bank of Farmington NM 87400-0540 [address] (herein termed financial institution), the sum of 7 500 00 [address] (herein termed financial institution), the sum of 7 500 00 [address] (herein termed financial institution), the sum of 7 500 00 [address] (herein termed for the Oil Conservation Division of the Energy and Minerals Department or successor agency of the State of New Mexico. Operator and the financial institution agree that as to the deposited sum or fund:

- a. The Oil Conservation Division acquires by this assignment the entire beneficial interest in the fund, with the right to order the trustee in writing to distribute the fund to persons determined by the division to be entitled thereto, including the Division itself, in amounts determined by the Division, or to the operator upon sale or proper plugging of the well covered by this bond.
- b. Operator retains no legal or beneficial interest in the fund and has only the right to interest, if any, thereon, and to return of the fund upon written order of the Division.
- c. The financial institution agrees that the fund may not be assigned, transferred, pledged or distributed except upon written order of the Division or a court of competent jurisdiction made in a proceeding in which the Division is a party. The financial institution waives all statutory or common law liens or rights of set-off against the fund.

Operator agrees that the financial institution may deduct from interest due operator any attorney fees incurred by the financial institution if claim or demand via writ, summons or other process arising from operator's business is made upon the financial institution.

52 S atur \checkmark 180 Signature of Operator,

Personally or by Authorized Officer

.)

President Title

STATE OF NEW MEXICO

COUNTY OF SAN HIAN

adle erry

Signature of/Authorized Officer of Financial Institution

On this <u>17TH</u> day of <u>SEPTEMBER</u>, 19<u>90</u>, before me personally appeared <u>PATRICK WOOSIEY</u> and the person (persons) described in and who excuted the foregoing instrument and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF. I have hereunto set my hand and seal on the day and year in this certificate first above written.

PUBLIC

My Commission expires: - DECEMBER 15, 1993

SINGLE WELL CASH BOND

Know all men by these presents that <u>A.P.A. Development Inc.</u> (an individual) (a partnership) (a corporation organized

-

in the State of Colorado	with its principal office at
P.O. Box 215 in the city	with its principal office at, state of <u>Colorado</u> , state of <u>Colorado</u> , state of <u>New Mexico</u>) is held and firmly bound to
and authorized to do business in th	ne State of New Mexico) is held and firmly bound to
the Oil Conservation Division of th	ne State of New Mexico (or its successor agency) in Isand, Five Hundred Dollars), lawful money of
	isand, Five Hundred Dollars), lawful money of
the United States.	1

THE CONDITIONS OF THIS OBLIGATION ARE SUCH THAT:

The above applicant/operator desires to drill a well or purchase or operate an existing well, the depth of which does not exceed 10,000 feet, to prospect for and produce oil, gas, or carbon dioxide resources on land owned by private individuals or the State of New Mexico, the particular identification and footage location of said well being as follows: 990 Feet From The South Line and 2310 Feet From The West Line in Section 11, Township 21N, Range 10W, NMPM, San Juan County, New Mexico.

The applicant has deposited on behalf of the Division 5.7,500.00, in the manner indicated on the attachment to this bond being the principal sum intended to be secured. Applicant pledges this sum as a guarantee that it, its executors, assigns, heirs or administrators shall plug the well described above if dry, or when abandoned, in accordance with the rules and orders of the Oil Conservation Division of the State of New Mexico in such way as to confine the oil, gas, and water in the strata in which they are found, and to prevent same from escaping to other strats. If the applicant does not so properly plug and abandon said well upon order of the Division, the total sum of the bond shall be forfeited to the Division, and such amount as is necessary may be used to properly plug said well. If the principal sum of this bond is less than the actual cost incurred by the Division in plugging said well, the applicant, its successors, assigns, heirs or administrators shall be liable under the provisions of Section 70-2-38 NMSA (1978) of the Oil and Gas Act, and the Division may take action, including the filing of legal proceedings, to recover any amounts expended over and above the principal sum of the bond.

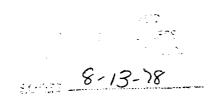
NOW THEREFORE, if the above applicant or its successors, assigns, heirs, or administrators or any of them shall plug the above-described well when dry or abandoned, in accordance with the rules, regulations, and orders of the Division, in such a manner as to confine the oil, gas, and water in the strata in which they naturally occur, and to prevent them from escaping into other strata, and further to clean up the surface location of said well, then therefore, this obligation shall be null and void and the principal sum shall be paid to the applicant, or its successors, heirs, or administrator, otherwise it shall remain in full force and effect.

A.P.A. Development Inc. OPERATOR	
P.O. Box 215, Cortez, CO 81321	
And this the ster	8y
President	
(Note: Principal, if corporation, offix corporate seal berg.)	

PROPERTY NAME Santa Fo Leggs FOOTAGE WELL NO. Development Inc 2 LOCATION (ULSTR) N-11-21N-10W490FSL 2310FWL POOL API NO. Leggs Entrada Ď E) pota 305x plug ¥ 30 SX plug spot a 30 stolu Allo'+ circulate emt + to PI surface Set P+Amarker, cut anchors, clean Ð + level location . CASING RECORD: 95/8 C 183' 150 5x Hole 12"+" 7" & 5584 950 M Hole 834" Ports @ 5415-5422 27/8 Thy @ 3019 DUToole 2824

												
NO. DE CALES RECTIMED	6								->.	, e		
DISTRIBUTION			NEW	MEXICO OIL CONS	ERV	ATION CO	MMISSION	l 5	، - ان ز- 101- C m ro	Charles and a	१ - इ.स	(ر ہ
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FILE .	11	7						ſ	5A. Indicate	Туре с	of Loase	
U.S.G.5.	2								STATE		PEE X]
LAND OFFICE								ľ	5. State Off	6 Gus 1	edse No.	
OPERATOR	2							1			•	
									IIIII.	1111	11111	$\overline{\Pi}$
APPLIC	ATION	FOR PE	RMIT TO	DRILL, DEEPEN	, OR	PLUG B	ACK			////		1111
la. Type of Work					<u> </u>				7. Unit Agre	ement h	Jume	
n nou l				DEEPEN			DI 110 -					
6. Type of Well	- (23)						PLUG B	ACK [_]	8. Furm or L	ease No	ame	
MELL X GAS	. 🗆	олн	CR.		51N Z	ONE X	MUL	ZONE	Santa	Fe L	eggs .	
2. Name of Operator				· · · · · · · · · · · · · · · · · · ·					9. Well No.			
Dome Petrole	um Co	rp.						1	2		/	
3. Address of Operators K			Miner	als Managem	nen	t,			10. Field an	d Pool,	or Wildcat	
501 Airport I	Drive	, Sui	te 105	, Farmingto	on,	New M	lexico	87401	Leggs	Entr	ada 🖌	
				ATED 990					111111	$\overline{\Pi}$	IIIII	$\overline{\eta}$
0						r nom the <u>-</u>			///////	()))	//////	()))
AND 2310 FEET	FROM TH	. Wes	st LIN	E OF SEC. 11	TWP.	21N	RGE. 1	OW NMPN A	//////	////	///////	1111
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	IIII	/////			$\left \right \right $				San Ju	an∵≬		()))
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IIIIIIIIIIII.	\overline{M}	IIII	<u>IIIII</u>			-	- 1	9A. Formation		20. Ro	tary or C.T.	
	/////	/////	///////			5800!	· · ·	Entrad	a=	RC	otary	
21. Elevations (Show wheth	er DF, R1	, etc.)	21A. Kind	& Status Plug. Bond	21B	Drilling Co	ontractor		22. Approx	. Date V	Work will sta	urt
			State	wide	4	-Corne	rs Dr	illing	June	1,-1	.978	
23.			Р	ROPOSED CASING AN		EMENT PRO	DGRAM					
SIZE OF HOLE	5	IZEOF	CASING	WEIGHT PER FOO	от :	SETTING	DEPTH	SACKS OF	CEMENT		EST. TOP	
13 1/4"		9 !	5/8"	3		200		2	00	Su	irface.	
8 3/4"		7		20 & 23		6500.	·	1000(2	stage) - St	irface	-

Operator proposes to drill an Entrada test to the depth of 5800'. Completion will be determined from logs. A series 900 (3000 psi WP) blowout preventer will be used during drilling operations below surface pipe.





ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PRODUCT / 2 ZONE AND PRODUCT / 2 ZONE BLOWOUT PREVENTER PROGRAM, IF ANY.

ereby certify that the information above is true and c	momplete to the best of my knowledge and belief. K&A, Inc. Minerals Mar	nagement
aned Kanny	Title_Area Manager	Date May 12 , 1978
(This space for Signe Use) PROVED BY 5, 5, Carry DIDITIONS OF APPROVAL, IF ANY:	DEPUT/ OIL 1 (10720108, 067 #3	

WELL LUCATION AND ACREAGE DEDICATION PLAT

r

Supersedes C-128 Effective 1-1-65

		All distances must be f	rom the oute	r boundaries of (the Section.		
ator			Lease				Well No.
DOME PETROLEUM	CORPORATI	ON	Santa	Fe-Leggs			2
Unit Letter Sect	lon	Township	Range		County		······································
N	11	21N	1	.CW	San Ju	an .	/
Actual Footage Location							
990 lee	t from the Sc	uth line and	2310	feet	from the	West	line
Ground Level Elev.	Producing For	nation	Pool				Dedicated Acreage:
6379	Ent	rada	Le	<u>ggs Entr</u>	ada		40 Acres
2. If more than o interest and ro	one lease is yalty).		l, outline (each and ider	ntify the o	ownership ti	hereof (both as to working
dated by communication of the second	No If an no,"clist the o essary.) ill be assigned	nitization, force-pooli swer is "yes," type o owners and tract desc d to the well until all	ng. etc? f consolid riptions w interests	ation hich have ac have been c	tually bee	en consolid ed (by com	all owners been consoli- ated. (Use reverse side of munitization, unitization, approved by the Commis-
	1	<u> </u>	i		T		CERTIFICATION
		ec				toined he best of m Name Area Ma Position	K & A, Inc. ls Management
		11	 	- <u></u>		shown on notes of	certify that the well location this plot was plotted from field actual surveys made by me or
2310'		 			~	is true a	supervision, and that the same and correct to the best of my e and belief.
		-066 				May 10 Registered and/or Line Fred F	Antobis lohd & gameer (Sin year of 19 2 Kerr Jr
0 330 650 90	1320 1650 198	2310 2640 2000	1 500	1000 50		3950 3	PRO MERRI R.

NO. OF COPIES RECEIVED (a) OISTRIBUTION (a) SANTA FE (a) FILE (a) U.S.G.S. (a) LAND OFFICE (a) OPERATOR (b)	Form C - 103 Supersedes Old C-102 and C-103 Effective 1-1-65 Sa. Indicate Type of Lease State Fee X S. State Oll & Gas Lease No.
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG SACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	
	7. Unit Agreement Name
2. Name of Operator Dome Petroleum Corp.	8. Farm or Lease Name
3. Address of Operator	Santa Fe Leggs
501 Airport Drive, Suite 107, Farmington, New Mexico 87401	2
4. Location of Well	10. Field and Pool, or Wildcat
UNIT LETTER 990 FEET FROM THE SOUTH LINE AND 2310 FEET FROM	Leggs Entrada
UNIT CETTER A PEET FROM THE OUDDELL LINE AND PEET FROM	
THE West LINE, SECTION 11 TOWNSHIP 21N RANGE 10W NMPM.	
15. Elevation (Show whether DF, RT, GR, etc.) 6379 G.L.	12. County San Juan
16. Check Appropriate Box To Indicate Nature of Notice, Report or Oth	
NOTICE OF INTENTION TO: SUBSEQUENT	
TEMPORARILY ABANDON	PLUG AND ABANDONMENT
PULL OR ALTER CASING CHANGE PLANS CASING TEST AND CEMENT JOB OTHER OTHER OTHER	ce casing X
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including work) SEE RULE 1103.	estimated date of starting any proposed
7/4/78 Spudded 12-1/4" hole at 8:00 p.m. $7/4/78$	
7/5/78 Ran 4 joints (183') 9-5/8" O.D., 32.3#, H-40, ST&C casi Set at 195' K.B. Cemented with 150 sx Class B cement w 2% CaCl. Plug down at 6:00 a.m. 7/5/78. Circulated ce	vith
	рид 8 5 1978 OL DON. COM. DIST. 3

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.								
SIGNED J. amochiel	Drilling & Production	DATE 7/6/78						
	Superintendent							
Original Signal Signal Contractor Contractor	SUPERVISOR DISP. 30	DATE						

CONDITIONS OF APPROVAL, IF ANY:

ND. OF COPIES RECEIVED	Form C-103		
DISTRIBUTION	Supersedes Old C-102 and C-103		
SANTA FE 1 - NEW MEXICO OIL CONSERVATION COMMISSION	Effective 1-1-65		
FILE 1			
U.S.G.S.	5a. Indicate Type of Lease		
LAND OFFICE	State 📃 🛛 Fee 🗶		
OPERATOR 4	5. State Oil & Gas Lease No.		
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.)			
1. DIL X GAS DTHER-	7. Unit Agreement Name		
2. Name of Operator	8. Farm or Lease Name		
Dome Petroleum Corp.	Santa Fe Leggs		
3. Address of Operator 501 Airport Drive, Suite 107	9. Well No.		
Petroleum Center Bldg., Farmington, NM 87401	2		
4. Location of Well	10. Field and Pool, or Wildcat		
UNIT LETTER N . 990 FEET FROM THE South LINE AND 2310 FEET FROM	Leggs Entrada		
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
THE West LINE, SECTION 11 TOWNSHIP 21N RANGE 10W NMPM.			
15. Elevation (Show whether DF, RT, GR, etc.)	12. County		
	San Juan		
Check Appropriate Box To Indicate Nature of Notice, Report or Other	er Data		
NOTICE OF INTENTION TO: SUBSEQUENT	REPORT OF:		
PERFORM REMEDIAL WORK	ALTERING CASING		
TEMPORARILY ABANDON	PLUG AND ABANDONMENT		
PULL OR ALTER CASING			
OTHER Production Casi	ng X		
OTHER			
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e work) SEE RULE 1103.	stimated date of starting any proposed		

7/16/78 Ran 5584', 133 joints, 7" - 23# & 20#, K55, ST&C casing. Set at 5584.40 KB. Cemented first stage with 385 sx 65/35 Pozmix w/6% gel, 10# Gilsonite/sx. Followed with 100 sx Class B w/10% salt. Plug down at 1:30 a.m. 7/16/78. Opened DV tool at 2824' and circulated 4 hours.

Cemented second stage w/415 sx 65/35 Pozmix w/6% gel, 10# Gilsonite/sx followed with 50 sx Class B w/10% salt. Plug down at 7:30 a.m. 7/16/78. Circulated cement on second stage



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

SIGNED I And full	Drilling & Production	DATE July 16, 1978
Original Signed by A. E. Handrida		U. 28 07)
APPROVED BY	TITLE	DATE

CONDITIONS OF APPROVAL, IF ANY:

TABULATION OF DEVIATION TEST DOME PETROLEUM CORP. SANTA FE-LEGGS #2 SAN JUAN COUNTY, NEW MEXICO

DEVIATION	DEPTH
3/4 ⁰	207'
1/2 ⁰	720'
3/4 [°]	1282'
lo	1721'
1 3/4 ⁰	2260'
lo	2720'
lo	3267'
3/4 [°]	3797'
3/4 [°]	4329'
lo	48231
1/2 [°]	56321

AFFIDAVIT

This is to certify that the above deviation tests are correct to the best of my knowledge.

mell BARANN. . Arnold Snell

N-11- 21N-10

CO*j')*.

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Drilling & Production Supt.

Subscribed and sworn to before me this first day of August, A978.

lukins than

My commission expires: May 12, 1980

DISTRIBUTION						Revis	
SANTA FE		NEWI	MEXICO OIL-CO		N COMMISSION		te Type of Lease
F16E		TELL COMPLE	ETION OR REC	OMPLETIO	N REPORT A	ND LOG	Fee K
U.S.G.S.	2					5. State O	Il & Cas Lease No.
LAND OFFICE						L.	
OPERATOR	8						
IG. TYPE OF WELL	016)		7. Unit Ag	reement Name
				OTHER_		B. Farm or	Lease Name
			01/7. RESVR.			Santa	Fe-Leggs
2. Nameoi Operator		ACK SACK		OTHER		9. Well No	
Dome Pe 3. Address of Operator	etroleum Cor	rp., 501 Ai	rport Drive	,	•	10. Field	2 and Pool, or Wildcat
Suite 1	07. Farming	zton. New M	lexico 8740	1		1	-Entrada
4. Location of Well		50011, 1101	0,40	<u> </u>			
UNIT LETTER N					<u>_2310</u>	EET FROM	
THE WEST LINE OF	<u>sec. 11 T</u>	NP. 21N RG	E. 10W NMPN	<u>• ()))))</u>		San Ju	an ()))))))
		1				KB, RT, GR, etc.) 19	, Elev. Cashinghead
7/4/78	7/15/78		26/78		6379' GR		
20. Total Depth		Back T.D.	22. If Multip Many	le Compl., Ho	Drilled	s Rotary Tools	Cable Tools
-5632 * 24. Producing Interval(s		564'	- Name			→ 0-5632'	I Was Discout in 1 C
5415' - 560						•	25. Was Directional Survey Made NO
26. Type Electric and C Dual Induct	-					27.	Was Well Cored NO
28.	WEIGHT LB.		ING RECORD (Re				
CASING SIZE	32.3		······	LE SIZE 2½	150 sx	TING RECORD	AMOUNT PULLED
<u> </u>	23# & 20			3/4		(2 stage)	none
	25% 4 2	<u> </u>			<u></u>	2 stage/	none
<u></u>					,		
29.	L.	INER RECORD			30.	TUBING REC	CORD
SIZE	тор	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8'	' 3021'	
31. Perforation Record	(Interval, size and	number)		32.	ACID, SHOT, FR	ACTURE, CEMENT S	QUEEZE, ETC.
				DEPTH	INTERVAL	AMOUNT AND K	IND MATERIAL USED
5415'-5422'	with 2 jet	t shots per	foot				
						· · · · · · · · · · · · · · · · · · ·	
					l		
33.	·····			DUCTION			(0.1
Date First Production 7/26/78		umping	wing, gas lift, pum	ping - Size an	d type pump)	4	us (Prod. or Shut-in) ucing
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	011 - Bbl.	Gas MCF	1	Gas - Oil Ratio
7/28/78	24		`	62	TSTM	511	
Flow Tubing Press.	Casing Pressure	Calculated 24	1	Gas - M	<u> </u>		Il Gravity - API (Corr.)
		>	. 62	TS	111		D.,
34, Disposition of Gas	•	., vented, etc.)				Test Witnessed Ray Sa	-
35. List of Attachments NONE			* .				· · · · · · · · · · · · · · · · · · ·
36. I hereby certify that	-	hown on both side	s of this form is tr	ue and comple	te to the best of t	ny knowledge and beli	= f.
\square	and	ANN	٦r	illing &	Production	Supt 9	/3/78
SIGNED	Jono a,	sing		a	I LOUUCLION	Supt DATE 8	
?.							
•							

also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in gaintuplicate exception also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in gaintuplicate exception also just, where six captes are required. the flute 1165.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

т. ∧	nhy		T.	Салуол	т	Ο jσ Λ	lamo		_ т.	Penn. "B"
T. 5	nlt		<u> </u>	Strawn	r.	• Kirtla	nd-Fruitl	and	<u> </u>	Penn. "C"
B. · S	a t t	·	T.	Atoka	T.	Pictu	red Cliffs	·	_ Т.	Penn. "D"
Т. Ү	ates		<u> </u>	Miss	<u> </u>	-Cliff 1	House 🔔		_ т.	Leadville
				Devonian				010/		Madison
				Silurian				2196	<u>_</u> т.	Elbert
T. G	rayburg		<u>т.</u>	Montoya	_ Т.	Maneo	s	2270	_ T.	McCracken
T. Sa	an Andres			Simpson	Т.	Gallu	p			Ignacio Qtzte
Т. С	lorieta		Т.	McKee	P×	nse Gree	nhorn	4120	_ т.	Granite
Т. Р	addock		Т.	Ellenburger	_ Т.	Dakot	a	4302		
Т. В	linebry		<u> </u>	Gr. Wash	<u> </u>	Morris	ion	4487	т.	·
т. т	ubb		Т.	Granite	Т.	Todilt	.o	5401 j		·
т. D	rinkard		Т.	Detaware Sand	_ т.	Entra	la	5415 / -	_ τ.	
T. A	ьо		T.	Bone Springs	Т.	Winga	te		Т.	
Т. ₩	olfcamp		Т.		Т.	Chinle	·		T.	
т. р	epn		T		Т.	Permi	ап		_ т.	
T Ci	sco (Bough	C)	т		<u> </u>	Penn.	"A"	······································	_ т.	
No. 2,	from		t	0	N	o. 5, fro			•••••	to
				IMPORTA			SANDS	i		
Include	e data on ra	te of water in:	flow and	l elevation to which water ro	se in	hole.				
No. 1,	from		*********			*******	•••••••••	feet		
No. 2,	from			to		••••••		fcct		
No. 3,	from			to	•	••••••	•••••••	fcct	* • • • • • • • • • •	*****
No. 4,	from			to					,	
			F	ORMATION RECORD (Attac	h ad	ditional	sheets i	(necessory)	-	• ···• • · · · · · · · · · · · · · · ·
Fre	m To	Thickness in Feet		Formation		From	То	Thickness in Feet		Formation

~. ~

1.	NO. OF CAPIES RECEIVED S DISTRIBUTION SANTA FE FILE / U.S.G.S. I LAND OFFICE OIL IRANSPORTER OIL OPERATOR Z PRORATION OFFICE OPERATOR	AL		F	REQUEST	CONSERVATION CON FOR ALLOWABLI AND ANSPORT OIL AND	E		Porm C-104 Supersedes OI Ellactive 1-1-1	d C-104 and (:-1 55 1
1	Dome Petroleu Address 501 Airport D Farmington, N Reason(s) for filing (Check proper b New We!1 X Recompletion Change in Ownership f change of ownership give name	rive, Su M 87401 chor Oll Casi		ansporter	of: Dry G Conde	" []	ise explainj			
	and address of previous owner					,,,,,,		·····		
	DESCRIPTION OF WELL ANI Lesse Name Santa Fe - Leggs Location Unit Letter N ;			Leg	including F gs - Ei ith 1 in	ntrada	Kind of Lea State, Feder Feet From	al or Fee	Fee	Lease No.
		•	21N			1 017				
L	Line of Section 11 T	ownship	21N		Range	10W , NMP	м, San	Juan		County
ſ	DESIGNATION OF TRANSPOI Nome of Authorized Transporter of O Permian Corporation Nome of Authorized Transporter of C	м 🗙	or Conde	or Dry G	<u> </u>	S Address (Give address P.O. Box 1183, Address (Give address	Houston	, Texas	77001	,
	If well produces oil or liquids,		Sec.	Twp.	, Ege.	ls gas actually connec	ted? W	hen		
L.	give location of tanks.	N		. <u>.</u>	10W	NO	· • •			
	this production is commingled w	ith that from							·····	
	Designate Type of Completi	ion - (X)		1	ias Well	New Well Workover	Deepen	Plug Back	Same Rest	. Diff. Restv.
Ī	Date Spuddød	Date Comp	_			Total Depth		P.B.T.D.		· · · · ·
	7/4/78		6/78			5632		556		
	levations (DF. RKB, RT. GR, etc.) 6379' GR	Name of P Entr	-	r ofmatio	n	Top Oil/Gas Pay 5415		Tubing De	pth 019	
F	Perforations 5415 – 5422						· · · · · · · · · · · · · · · · · · ·	Depth Cas 55	ing Shoe	
\vdash	HOLE SIZE	CAS		UBING S		CEMENTING RECOR		s	ACKS CEME	NT
	12 1/4"	9 5/8				195'		150 sa		
-	8 3/4"	7", 2				<u>5584'</u> 3019'		950 (2	? stage)	
E	······································		,					-+		
0	EST DATA AND REQUEST F II. WEIL	OR ALLO				er recovery of total volu th or be for full 24 hours Producing Method (Flow	リ		iqual to or exc	eed top allow-
	7/26/78	7/28/				Pumping			16:37	
Ē	ength of Test 24 hours	Tubing Pre	aawe			Casing Pressure		Choke Size		
	ctual Pred. During Test	OII-Bbls.	•		ł	Water-Bbls.		Gas - MCF?	•	· · ·
	573 bbls		62			511			•=•	
-	AS WELL cruci Prod. Test-MCF/D	Length of 7	Test			Bbla. Condensate/MMCI	r	Gravity of	OIL COI	<u> </u>
T	eating Method (publ, back pr.)	Tubing Pre-	••====(8	hot-in)		Casing Pressure (Shut-	-in)	Choke Size		
L		<u> </u>				-		<u> </u>]
1. Cł	ERTIFICATE OF COMPLIAN	CE				OIL C	onserva: AUG			
Co	nereby certify that the rules and a mmission have been complied w ove is true and complete to the	with and the	t the in	formatio	n given	APPROVED ByOriginal S TITLESUP	igned a	5 D. S.	, 19	•
	11	_	•			This form is to				
	Allongia freile	Gi trai	<u></u>			If this is a required, this form must	1-o accompar	iled by a ta	bulation of t	or deepened he deviation
	J. Arnold Small (Signa Drilling & Production	• •	···			tests taken on the v All sections of	cell in accord	dance with	RULE 111.	
	(Tu August 1, 1978					All sections of able on new and rec Fill out only S well menie or number	completed we ections 1, 11.	lls. III. and V	1 for change	• of owner,



STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

JERRY APODACA

NICK FRANKLIN SECRETARY POST OFFICE BOX 2088 STATE LAND OFFICE BUILDI: SANTA FÉ, NEW MEXICO 875 (505) 827-2434

October 18, 1978

Dome Petroleum Corporation 501 Airport Drive, Suite 107 Farmington, New Mexico 87401

Attention: Mr. J. Arnold Snell

Administrative Order TX-60

Gentlemen:

Reference is made to your request for an exception to the tubing setting requirements as contained in Division Rule 107 (d) (3) for the below-named well.

Pursuant to the authority granted me by Rule 107 (d) (4), you are hereby authorized to set tubing at 3019 feet in the following well:

LEASE NAME	WELL NO.	UNIT	S-T-R
	_		

Santa Fe-Leggs

2 N 11-21N-10W

The Division reserves the right to rescind this authority in the event that waste appears to be resulting therefrom.

Very truly yours,

JOE D. RAMEY Division Director

JDR/DSN/og

cc: Oil Conservation Division 1000 Rio Brazos Road Aztec, New Mexico

	/		
NO. DF COPIES RECEIVED	/		
SANTA FE		CONSERVATION COMMISSION	Form C-104
FILE		AND	Supersedes Old C-104 and C- Effective 1-1-65
U.S.G.S.	AUTHORIZATION TO TR	ANSPORT OIL AND NATURAL	- SAS
IRANSPORTER OIL			MAR 1 4 100 ET
GAS			all a la pa
PROBATION OFFICE			MAR. EF
Operator	-		H 41981
TEXACO Inc.,			MAR 1 4 1984 LU MAR 1 4 1984 LU DIL CON DIV
P. O. Box 21	00, Denver, Colorado	80201	UST. 3 DIV
Reason Vior filing (Check proper	boxj	Other (Please explain)	0 *,
New W.	Change in Transporter of:		
Recompletion Change in OPERATOR	Oil Dry G Casinghead Gas Conde	as Linsale	
If change of ownership give nam and address of previous owner	Dome Petroleum Corp.	, 1625 Broadway, De	nver, Colorado
DESCRIPTION OF WELL AN	Well No.; Pool Name, Including I	Formation Kind of Le	ase Lease Nc.
SANTA FE LEGGS	2 LEGGS-EA	UTRADA State, Fede	eral or Fee FEE
Location			
Unit Letter N : 2	790 Feet From The <u>South</u> Li	ne and <u>23/0</u> Feet From	m The WEST
Line of Section //	Township Z/N Range	10W, NMPM, SA,	JUAN County
Nome of Authorized Transporter of	OIL OF OIL AND NATURAL GA	AS Address (Give address to which app	roved copy of this form is to be sent)
PERMIAN CORP.			TON, TX 77001 roved copy of this form is to be sent;
Nome of Authorized Transporter of	Casinghead Gas or Dry Gas	Address (Give address to which app	roved copy of this form is to be sent;
	Unit Sec. Twp. P.ge.	Is gas actually connected?	Vhen
If well produces oil or liquids, give location of tanks.	M 11 ZIN IOW	YND I	
If this production is commingled	with that from any other lease or pool,	give commingling order number:	
COMPLETION DATA	Oil Well Gas Well	New Well Workover Deepen	Plug Back / Same Resty, Diff. Resty
Designate Type of Comple	tion $-(\mathbf{X})$		
Date Spudaej	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Elevations (DF, RKb, RT, GR, etc.	Name of Froducing Formation	Tcp C:://Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe
	TUBING CASING AN	D CEMENTING RECORD	
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
TEST DATA AND REQUEST	FOR ALLOWABLE (Test must be a	ifter recovery of total volume of load of epth or be for full 24 hours)	il and must be equal to or exceed top allow
OIL WELL Date First New Oil Bun To Tanks	Date of Test	Producing Method (Flow, pump, gas	lift, etc.)
·		B Roo	
Length of Test	Tubing Pressure	Casing Pressure (5 (5) 1)	Choke Size
Actual Pros. During Test	Cil-Bbls.	Water-Bbie.	Gee-MCF
		Water-Bbie. MAY 0 71934	
·			
GAS WELL	Length of Test	BEIS. Condensate APIST 3	Gravity of Condensate
Testing Method (pirot, back pr.)	Turing Pressure (Shut-in)	Cosing Pressure (Shut-in)	Choke Size
· ·			
CERTIFICATE OF COMPLIA	NCF	OIL CONSERV	ATION COMMISSION
I hereby certify that the rules an	d regulations of the Oil Conservation	APPROVED MAY	07/1084
Commission have been complied	with and that the information given the best of my knowledge and belief.	BY Eal	$\left(\begin{array}{c} \\ \\ \end{array} \right)$
•	rator for Texaco Oils	Inc.	· · · · · · · · · · · · · · · · · · · ·
\sim		TITLESUPERVISOR	
ale R. many	-	This form is to be filed in	compliance with RULE 1104. Swable for a newly drilled or deepene
(5)	(notwe)	well this form must be accome	panied by a tabulation of the deviation
Field Sunt.		tests taken on the well in acc All sections of this form m	ordance with HULE 111. nust be filled out completely for allow
3-9-84	Tuio	able on new and recompleted v	wells.
And the second se	Exer ·	well name or number, or transpo	II. III, and VI for changes of owner orter, or other such change of condition
NMOCC (3) .TNH CDI			st be filed for each pool in multiply
	· · · · · ·		

NO. OF COPIES RECEIVED						
DISTRIBUTION SANTA FE			ONSERVATION			Form C-104
FILE U.S.G.S.	<u> </u>		FOR ALLOW		•	Supersedes Old C+104 and C+110 Effective 1-1-85
LAND OFFICE	AUTHORIZATION		NSPORT OIL	AND NATURAL	. GAS	
IRANSPORTER OIL	-					
OPERATOR						
Operator :,				• • • • • • • • • • • • • • • • • • •		
TEXACO INC.					<u></u>	
P.O. Box EE, Cort						
Reason(s) for filing (Check proper bo	change in Transporter of:			(Please explain)	nanor	ton use Develo
Recompletion .	on 🕅	Dry Ga				ter was Permian, ergy Corp.
Change in Ownership	Casinghead Gas	Conden	isate	·····		
f change of ownership give name nd address of previous owner	<u> </u>	····				
ESCRIPTION OF WELL ANI	LEASE				•	
Lease Name Santa Fe Leggs	Well No. Pool Name, Inc 2 Leggs	-		Kind of Le State, Fede		Lease No.
Location		- Enc				Fee
Unit Letter N ; 99	30 Feet From The <u>SOU</u>	th_Lin	• and <u>231(</u>	۲۰۰۲ Feet Fro	n The <u>W</u>	est
Line of Section 11 T	ownship 21N Ra	inge	10W	, NMPM, San	Juan	County
ESIGNATION OF TRANSPORT	TER OF OIL AND NATUR	RAL GA	s			
Name of Authorized Transporter of O						of this form is to be sent)
Gary Energy Corp. Name of Authorized Transporter of C	asinghead Gas 🔄 or Dry Gas	<u> </u>	Address (Give o	ddress to which app	Engl roved copy	ewood, CO. 80112 of this form is to be sent)
	Unit Sec. Twp.	P.ge.	is gas actually :	connected?	Yhen	
If well produces oil or liquids, give location of tanks.	N 11 21N	10W	No	l		
this production is commingled w COMPLETION DATA	ith that from any other lease o	or pool, j	give comminglin	ng order number:		
Designate Type of Complet		s Well	New Well Wo	rkovet Deepen	Plug B	ack Same Res'v. Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.		Total Depth	* 	P.B.T.	D.
Invalions (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oll/Gas Pa		Tubing	Depth
Perforations					Depth (Casing Shoe
· · · · · · · · · · · · · · · · · · ·	TUBING, CASIN		CEMENTING F	RECORD		
HOLE SIZE	CASING & TUBING SI	ZE	DE	PTH SET		SACKS CEMENT
			· · · · · · · · · · · · · · · · · · ·			
EST DATA AND REQUEST F	OR ALLOWABLE (Test m		er recovery of to the or be for full 2		l and must	be equal to or exceed top allow-
)IL WELL Date First New Oil Run To Tanks	Date of Test			d (Flow, pump, gas	lift, etc.)	
ength of Test	Tubing Pressure		Casing Presewa	e Fri Verenne e e E Contr	Choke	Size
Actual Prod. During Test	Oil-Bbis.	•	Water - Bbls.	OCT20_Use	Gas-M	CF
· · ·		l	Ĉ	TLC 1	<u> </u>	
AS WELL	Length of Test		Bbis. Condensat	•/MMCF	Gravity	of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)		Casing Pressure	(Shut-in)	Choke !	Size
ERTIFICATE OF COMPLIAN	CE			OIL CONSERV	ATION (COMMISSION 1986
hereby certify that the rules and ommission have been complied	with and that the information	given	APPROVED		17	, 19
pove is true and complete to th	e best of my knowledge and t	belief.	BY		ante de	Mana and Al # 3
			TITLE			
i -	SIGNED A. R. MARX		tf shin in	a request for allo	wable for	ce with RULE 1104. a newly drilled or deepened
-	atwe)		well, this for	m must be accomp in the well in acc	anied by	a tabulation of the deviation
AREA SUPERINTEND	ENT		All secti	one of this form m and recompleted v	ust be fill	led out completely for allow-
10/10/86	·····	-	Fill out	only Sections I.	II. III. ∎n	d VI for changes of owner, er such change of condition.
75						- ·

	HO. OF COPIES RECEIVED DISTRIBUTION SANTA FE FILE U.S.G.S. LAND OFFICE I RANSPORTER OIL GAS OPERATOR PRORATION OFFICE	REQUEST	CONSERVATION COMMISSION T FOR ALLOWABLE AND CANSPORT OIL AND NATURAL	Form C-194 Superfeder Old C-104 and C-1 Estective 1-1-65 GAS
••	Operation TEXACO INC. Address P. O. Box EE, Co	rtez, CO. 81321		
1	Reason(s) for filing (Check proper bo New We!) Recompletion Change in Ownership If change of ownership give name	Change in Transporter of: Oil Dry G	Other (Please explain) Previous tran Energy Corp., Industries In	nsporter was Gary now it is Giant nc.
п. ј	and address of previous owner			
-	Santa Fe Leggs	2 Leggs-Entr		Lease No.
	Unit Letter N ; 9	90 Feet From The South Li	ne and <u>2310</u> Feet From	The West
1	Line of Section 11 To	ownship 21N Nange	10W .NMFM, San	Juan County
[DESIGNATION OF TRANSPOR Name of Authorized Transporter of O Giant Industries Name of Authorized Transporter of Ca	Inc.	AS Address (Give address to which appro P. O. Box 9156, Phi Address (Give address to which appro	oenix, AZ, 85068
	If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. P.ge.		nen
1	if this production is commingled w	ith that from any other lease or pool,		
IV. (COMPLETION DATA Designate Type of Completi	on - (X)	New Well Workover Deepen	Plug Back Same Res'v. Dill. Res'v.
-	Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Q11/Gas Pay	Tubing Depth
F	Perforations	- I ,,,,		Depth Casing Shoe
F			D CEMENTING RECORD	
L		CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
-				
	FEST DATA AND REQUEST F			and must be equal to or exceed top allow-
0	DIL WELL Date First New Oll Run To Tanks		pich or be for full 24 hours) Producing Method (Flow, pump, gas li	, Par
				1. Av
	Length of Test	Tubing Pressue	Casing Pressure	Choke Size
7	Actual Prod. During Test	Oll-Bbie.	Water - Bble.	Gaa-MCF
	GAS WELL	·····		
	Actual Prod. Test-MCF/D	Length of Test	Bble. Condensate/MMCF	Gravity of Condensate
	Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
VI. C	CERTIFICATE OF COMPLIAN	CE	OIL CONSERVA	TION COMMISSION 30 198
C	ommission have been complied w	egulations of the Oil Conservation /ith and that the information given beat of my knowledge and belief.	APPROVED	rank J. Cara
			TITLE	SUPERVISOR DISCUCT 77 3
_	SIME FLD:	A. A. SLEIER	wall this form must be accompany	able for a newly drilled or deepened
_	AREA SUPERINT	'ENDEN'T	tests taken on the well in accor All sections of this form mu	dance with RUL : at be filled out completely for allow-
	(Til APR	le) 2 5 1387	able on new and recompleted we	ils. III and VI for changes of owner,
	(Da		well name or number, or transport	er, or other such change of condition. be filed for each pool in multiply

•

.•	NET OF COPIES RECEIVED		CONSERVATION COMMISSION	_
	SANTA FE		FOR ALLOWABLE	Form C-104 Supersedes Old C-104 and C-11 Effective 1-1-65
	U.S.G.S.	AUTHORIZATION TO TR	AND AND NATURAL	
	IRANSPORTER OIL			
	GAS GAS			
I.	PRORATION OFFICE			
	TEXACO INC.		/	
	Address P. O. Box 2100.	Denver, CO. 80201	/	······································
	Reason(s) for filing (Check proper bo		Other (Please explgin)	
	New Well	Change in Transporter of: Oil Dry G		change of ownership
	Change in Ownership X		ensate Product/ng Inc	
	If change of ownership give name and address of previous owner	Texaco Oils Inc., P	. O. Box 2100, Denve:	r, CO. 80201
IJ.	DESCRIPTION OF WELL AND	LEASE		
	Santa Fe Leggs	Well No. Pool Name, Including F 2 Leggs-Enti		Ladae 110.
	Location)00 Couth		
	Unit Letter N ;	90 Feel From The South LI	ne and <u>2310</u> Feet From 7	The West
	Line of Section 11 To	ownship 21N Range	10W _{, NMPM} ,San Ju	an County
u.	DESIGNATION OF TRANSPOR	TER OF OIL AND NATURAL GA	AS	
	Name of Authorized Transporter of O	11 🚺 or Condensate 🗌	Address (Give address to which approv P.O. Box 9156, Phi	
	Name of Authorized Transporter of C	asinghead Gas 📄 or Dry Gas 🗂	Address (Give address to which approx	
		Unit Sec. Twp. P.ge.	Is gas actually connected? Whe	
	If well produces oil or liquids, give location of tanks.	NN 11 21N 10W	is gas detudity connected?	n.
		ith that from any other lease or pool,	give commingling order number:	
v .	COMPLETION DATA Designate Type of Completi	Oil Well Gas Well	New Well Workover Deepen	Plug Back Same Res'v. Diff. Res'v.
	Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
	Perforations			Depth Casing Shoe
	HOLE SIZE	CASING & TUBING SIZE	D CEMENTING RECORD	SACKS CEMENT
	TEST DATA AND REQUEST F	able for this de	fter recovery of total volume of load oil a option of be for full 24 hours)	1999 - 1997 - 199 8 - 19 90 - 1997 -
	Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift	JUM STA
ŀ	Length of Teet	Tubing Pressure	Casing Pressure	Choke Size 5/987
	Actual Prod. During Test	Oll+Bbla.	Water - Bbls.	Gas - MCF
	<u></u>			
	GAS WELL			
ſ	Actual Prod. Test-MCF/D	Length of Test	Bbis. Condensate/MMCF	Gravity of Condensate
ł	Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
ן זו. וי	CERTIFICATE OF COMPLIAN	CE	11	
_	hanaka analés dhad dha asta anda.	emulations of the Oil Concernation	APPROVED JU	N 2 6 1987
	Commission have been complied v	regulations of the Oil Conservation with and that the information given best of my knowledge and belief.	BY Zil)	d /
•	TEXACO INC. As O	perator for	TITLE SUPERVIS	
	TEXACO PRODUCING		This form is to be filed in co	DON DISTRICT # 5
-	SIGNED: A. A. KL		If this is a request for allows	able for a newly drilled or deepened and by a tabulation of the deviation
	(Signa AREA SUPERINTEND)	ent	tests taken on the well in accord	the filled out completely for silow-
-	(Ti		able on new and recompleted wel	18.
-	<u>6/19/87</u> (De	(e)	well name or number, or transporte	III, and VI for changes of owner, or or other such change of condition.
			Separate Forms C-104 must	be filed for each pool in multiply

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Appropriate Listing Office	i	Energy, M	Ainerai	is and Na	atural Resour	rces Departm	ent			d 1-1-89 structions
P.O. Box 1980, Hobbs, NM 88240	4	OILC	ONS	SERV	ATION	DIVISIO	N			tom of Page
DISTRICT II P.O. Drawer DD, Anesia, NM 88210		Sa	nta Fe		Box 2088 Aexico -875	04-2088				
DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410				-						
I.						AUTHORIZ				
Operator								API No.		
TEXACO INC.			<u></u>		<u> </u>					
3300 N. Butler, Farmi Reason(s) for Filing (Check proper box)	ngton. N	M 874	401							
New Well		Change in	Transpo	nter of:	یں ان ہ	iant Indu	^m Prev	vious tran Inc., nov	isporte	er was
	Oil		Dry Ga	_				any effect		
Change in Operator	Casinghead	i Gas 📋	Conden							
and address of previous operator										
IL DESCRIPTION OF WELL	ANU LEA		Pool N	ame, Incius	ling Formation		Kind	of Lesse Fee	L	ease No.
Santa Fe Leggs		2	Legg	s-Entr	ada			Federal or Fee		<u> </u>
Location Unit LetterN	. 990		Feet Fr	om The <u>S</u>	Lin	e and	Fe	et From The	W	Line
Section 11 Townsh	<u>ip 21N</u>		Range	1	0W , NI	MPM, San J	uan			County
III. DESIGNATION OF TRAN	NSPORTFI	R OF OI	I. ANI		RAL GAS					
Name of Authorized Transporter of Oil		or Conden				e address to whi	ch approved	copy of this form	n is to be se)
Meridian Oil Company Name of Autonized Transporter of Casin			or Dry		P. O. Bo	<u>ox 4289.</u>	Farming	ton, NM	<u>87499</u>	<u> </u>
		لـــــا 				e agaress 10 will	спарргоња	copy of this form	n is to be se	nt)
If well produces oil or liquids, give location of tanks.	Unit	i	Тур	i i	ls gas actually		When	?		
If this production is communigled with that IV. COMPLETION DATA	from any othe		21N ool, give	t <u>10</u> W		<u>NO</u>				
· · · · · · · · · · · · · · · · · · ·		Oil Well	0	as Well	New Well	Workover	Deepen	Plug Back Sa	me Res'v	Diff Res'v
Designate Type of Completion Date Spudded	- (X) Date Compl.	Ready to	 Prod		Total Depth	LI			<u> </u>	1
·				-				P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Pro	ducing For	mation		Top Oil/Gas P	y		Tubing Depth		
Perforations	•				•			Depth Casing S	hoe	
					CEMENTIN	IG RECORD	· · · · · · · · · · · · · · · · · · ·			
HOLE SIZE	CASI	NG & TUE	BING SI	ZE	ļ	DEPTH SET		SAC	XS CEME	NT
	<u> </u>									
	·									
. TEST DATA AND REQUES	T FOR AL	LOWA	BLE		L				E 1 1	5 K
DIL WELL (Test must be after re	ecovery of Iola			l and must	be equal to or e	exceed top allow	able fo r this	depth of be for f		
Date First New Oil Run To Tank	Date of Test				Producing Met	hod (Flow, pum	o, gas lift, el	CAN OF D	0 8 1 00	
length of Test	Tubing Press	ure			Casing Pressur	5		Choke Size	<u>a c sa</u> c	<u></u>
Actual Prod. During Test	Oil - Bbls.		<u></u>		Water - Bbis.			CarlyCE	\underline{ON}	Lit J
· · · · · · · · · · · · · · · · · · ·									13T. 3	
GAS WELL					—					
Actual Prod. Test - MCF/D	Length of Ter	st			Bbls. Condensi	ate/MMCF		Gravity of Codd	cassie	
esting Method (picot, back pr.)	Tubing Press	ure (Shut-ir	1)		Casing Pressur	e (Shut-in)	·	Choke Size		
I. OPERATOR CERTIFIC	ATE OF C	COMPL	IANC	CE	-					
I hereby certify that the rules and regula	tions of the Oi	il Conserva	uoa		0	IL CONS	SERVA	TION DI	VISIO	N
Division have been complied with and t is true and complete to the best of my k			200VC		Data	Approved				
SIGNED: A. A. KLEIER				İ		Approved	S	EP 28 19	89	
Signature		·			By		<u> </u>	<u> </u>		
The second blazza		Area T	<u>Mana;</u> Ille	ger_	Title			. The	~	
SEP 2 6 1989	······································				Title_	S	UPERVI	SLON DIST	HIGT #	-3
Date		Teleph	ione No.	•						

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.

2) All sections of this form must be filled out for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
 Separate Form C-104 must be filed for each pool in multiply completed wells.

	NO. OF COPIES RECEIVED			
	DISTRIBUTION SANTA FE		CONSERVATION COMMISSION	Form C-104
	FILE	- REQUES	T FOR ALLOWABLE AND	Supersedes Old C-104 and C-11 Effective 1-1-65
	U.S.G.S.	AUTHORIZATION TO TR	ANSPORT OIL AND NATURA	L GAS
	LAND OFFICE	_		
	TRANSPORTER OIL GAS			
_	OPERATOR PROBATION OFFICE			DECEIVEN
1.	Operator			
	A.P.A. Development			JAN 0 3 1990 OIL CON. DIV./
	P.O. Box 215, Corte Reason(s) for filing (Check proper be		Other (Please explain)	DIST. 3
i	New We!1	Change in Transporter of:		
	Recompletion			
	Change in Ownership X	Casinghead Gas Conde	ensate	
	If change of ownership give name and address of previous owner	Texaco Inc., P.O. Box 2	100, Denver, CO 80201	
П.	DESCRIPTION OF WELL ANI	Well No.; Pool Name, Including	Formation Kind of Le	ease Lease No.
	Santa Fe Leggs	2 Leggs-Entrad	a	eral or Fee Fee
		90 Feel From The South Li	ine and 2310 Feet Fro	om The <u>West</u>
	Line of Section 11 T	ownship 21N Range	10W , NMPM, San	LJuan County
ш.		RTER OF OIL AND NATURAL G		······································
	Name of Authorized Transporter of O	or Condensate		proved copy of this form is to be sent)
	Giant Refinery Name of Authorized Transporter of C	asinghead Gas 🗋 or Dry Gas 📑	Address (Give address to which app	tix, AZ 85068 proved copy of this form is to be sent)
	If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Pge.		When
	If this production is commingled w COMPLETION DATA	vith that from any other lease or pool,	, give commingling order number:	
	Designate Type of Complet	ion - (X)	New Well Workover Deepen	Plug Back Same Restv. Diff. Restv.
	Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
	Perforations	_ I		Depth Casing Shoe
ŀ		TUBING, CASING, AN	D CEMENTING RECORD	
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
ŀ				
ł		······································		
ľ				
	TEST DATA AND REQUEST F		after recovery of total volume of load o epth or be for full 24 hours)	il and must be equal to or exceed top allow-
Ī	Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas	lift, etc.)
ŀ	Length of Test	Tubing Pressure		Choke Size
-	Actual Prod. During Test	Oil - Bbls.	Wates Ett 2 4 1990	Gas•MCF
			OIL CON. DIV.	
_	GAS WELL		Bbls. Contrined to / MMCF	
	Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensette/MMCF	Gravity of Condensate
-	Teating Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
ل ۷۱. (CERTIFICATE OF COMPLIAN	ICE	OIL CONSERV	ATION COMMISSION
(Commission have been complied	regulations of the Oil Conservation with and that the information given e best of my knowledge and belief.	APPROVED	<u>27 1990</u> , 19
-	· · · · · · · · · · · · · · · · · · ·		TITLE Band.)	Chan
	Patiel Bh	lal-	This form SUPERMINCH	RONDIALS With RULE 1104.
-		ature)	well, this form must be accomp tests taken on the well in acc	
-		ile)	able on new and recompleted v	
	//2/90	ale)	Fill out only Sections I, well name or number, or transpo	II. III, and VI for changes of owner, orter, or other such change of condition.

well name or number, or transporter, or other such change of condition. Separate Forms C-104 must be filed for each pool in multiply completed wells.

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS

September 21, 1990

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

Sonte te Lago # 2

A.P.A. Development Inc. P. O. Box 215 Cortez, Co. 81321

Attention: Patrick B. Woosley

Re: \$7,500 One-Well Plugging Bond
 A.P.A. Development, Inc., Operator
 2310' FWL and 990' FSL of Sec. 11,
 N T-21-N, R-10-W, San Juan County
 Bond No. OCD-246

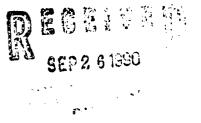
Dear Mr. Woosley:

The Oil Conservation Division hereby approves the above-captioned one-well plugging bond effective this date.

Sincerely, WILLIAM J. LEMAY Director

dr/

cc: Oil Conservation Division Aztec, New Mexico



STATE OF NEW MEXICO



ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

April 22, 1992

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

Mr. Patrick Woosley APA Development Inc. P.O. Box 215 Cortez, CO 82321

WELL FILE SANTA Fe Leggs # 2 N-11-2/N-10W

RE: Santa Fe Leggs Lease

Dear Mr. Woosley:

A field inspection conducted by personnel from this office on 4-20-92 revealed that the referenced lease is in a deplorable condition. Specifically the central tank battery has run over, the fire wall is half full of oil and sludge and the tanks are covered with oil. The #1 well has a 20'x 30' <u>unfenced</u> pit which is full of oil and produced water, there is no well sign and the entire location is oil stained and junky. The #2 well has puddles of oil and junk on location.

You are in violation of the following rules and regulations. Rule 116 unreported oil spill at tank battery. Rule 310-B -No sign on tank battery. Rule 103 - No well sign on well #1. Migratory bird order R-8952 all pits are to be netted in accordance with the order.

You are hereby directed to immediately file a spill report and initiate clean up activity. We will reinspect the lease within the next 2 weeks. If progress has not been made toward cleanup, I will recommend that the lease be shut in until cleanup is completed.

Yours, truly,

Charles Gholson Deputy Oil & Gas Inspector

CG/dj

xc: Bob Stoval Operator File



OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE AZTEC MIL 67416 (506) 334-6178 FAX: (506) 334-6179 MILTERMINE STREAM, universe District Michaete Jam

GARY E. JOHNSON

Jonnifer A. Salisbury CABINET BECRETARY

November 24, 1997

Rand Carroll EMNRD General Counsel 2040 S Pacheco Santa Fe NM 87505

RE: APA Development Corp Santa Fe Leggs #1, O-11-21N-10W, 30-045-22633 Santa Fe Leggs #2, N-11-21N-10W, 30-045-23027

Dear Rand:

I have enclosed a copy of the inactive well letter dated June 5, 1997, requiring the operator to submit a plan to bring the wells into compliance within 30 days. To this date, I have received no plans for these wells nor have my phone calls been returned. Please docket a case for hearing to show cause why the referenced well should not be plugged and abandoned accoring to a Division-approved plugging program using the OCD 246 lplugging bond (\$7500 per well).

Sincerely,

myRolunion

Johnny Robinson Deputy O&G Inspector

JR/sh

enc.

cc: Well files

TA file

APA Dev Corp PO Box 215 Cortez CO 81321



GARY E. JOHNSON GOVERNOR OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1000 RIO BRAZOS RUAD AZTEC, NEW MEXICO 57410 (505) 334-6178 Fax (505)334-6170

JENNIFER A. SALISBURY CABINET SECRETARY

June 5, 1997

APA Development Corp PO Box 215 Cortez CO 81321

RE: Inactive Wells

To Whom It May Concern:

Our records indicate that the wells on the attached list are inactive and not in compliance with Rule #201.B.

Please submit plans to bring these wells into compliance within 30 days. Review Rules #202 and #203 for the necessary filing requirements to plug and abandon or temporarily abandon these wells.

Contact this office if you have any questions.

Sincerely,

Jahnny Rolinson

Johnny Robinson Deputy O&G Inspector

JR/sh

attachment

XC: TA File JDR File

Well Files

APA DEVELOPMENT CORP

.

API#	PROPERTY NAME	NUMBER	LOCATION
30-045-22633	Santa Fe Leggs	1	O-11-21N-10W
30-045-23027	Santa Fe Leggs	2	N-11-21N-10W

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