LIVE CONSERVATION DIVISION

P. O. Box 2088 SANTA FE, NEW MEXICO 87501

ADMI	NISTRATIVE	ORDER
NFL.	57	

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

INFILL DRILLING FINDINGS PURSUANT TO SECTION 271.305(b) OF THE FEDERAL ENERGY REGULATORY COMMISSION REGULATIONS, NATURAL GAS POLICY ACT OF 1978 AND OIL CONSERVATION DIVISION ORDER NO. R-6013-A

Operator _	Doy	le Ha	rtman			<u> </u>	lell	Name	and No.	Mur	n-Harrison "B"	Well No. 1
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•						-	. (Jack		Jwe) 	
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011 Operator
500 N. MAIN
P. O. BOX 10426
MIDLAND, TEXAS 79702

(915) 684-4011

June 16, 1982

State of New Mexico Energy and Minerals Department Oil Conservation Division P. O. Box 2088 Santa Fe. New Mexico 87501

Attention: Mr. R. L. Stamets



Re: Administrative Procedure Infill Finding Munn-Harrison "B" No. 1 E/2 NW/4 Section 7 T-25-S, R-37-E Lea County, New Mexico

Gentlemen:

Pursuant to Section 271.305 of the Final Rules and Regulations of the Federal Energy Regulatory Commission relating to Section 103 of the Natural Gas Policy Act of 1978, and to Order R-6013-A of the New Mexico Oil Conservation Division, we hereby request an infill finding (NFL) for the above captioned Munn-Harrison "B" No. 1 Jalmat (Gas) well located 660' FNL & 2256' FWL Section 7, T-25-S, R-37-E, Lea County, New Mexico.

With regard to our request, and in accordance with Order R-6013-A, we submit the following:

- Rule 5 A copy of approved Form C-101 for the infill well and Form C-102 showing the proration unit dedicated to the well are enclosed.
- Rule 6 The name of the pool in which the infill well has been drilled is Jalmat, and the standard spacing unit therefor is 640 acres.
- Rule 7 The number of the Division order approving the non-standard proration unit dedicated to the well is NSP-1304(L).
- Rule 8 Form entitled CERTIFICATION OF WELL DATA ON PRORATION UNIT
 PLAT describes all wells drilled on the proration unit (including the completed infill well) which are or have been completed in the same pool or reservoir as the proposed infill well showing:
 - a. lease name and well location;

State of New Mexico June 18, 1982 Page 2

- b. spud date;
- c. completion date;
- d. a description of any mechanical problems experienced along with a summary of remedial action(s) taken and the results obtained;
- e. the current rate of production, and;
- f. date of plug and abandonment, if any; and
- g. a clear and concise statement indicating why the existing well(s) on the proration unit cannot effectively and efficiently drain the portion of the reservoir covered by the proration unit.
- Rule 9 Letter dated June 16, 1982, from William P. Aycock submits geological and engineering information sufficient to support a finding as to the necessity for an infill including:
 - a. formation structure map;
 - b. the volume of increased ultimate recovery expected to be obtained and a narrative describing how the increase was determined;
 - c. any other supporting data which the applicant deems to be relevant which may include:
 - 1. porosity and permeability factors
 - 2. production/pressure decline curve
 - effects of secondary recovery or pressure maintenance operations.
- Rule 10 This application for infill finding is being filed in duplicate with the Santa Fe office of the Division.
- Rule 11
 All operators of proration or spacing units offsetting the unit for which an infill finding is sought have been notified of this application by certified or registered mail.

We respectfully that the Commission grant our request for an infill finding pursuant to Order R-6013-A.

Very truly yours,

DOYLE HARTMAN

Michelle Hembree Administrative Assistant

Michelle Hembre

/mh

WILLIAM P. AYCOCK & ASSOCIATES, INC.

Petroleum Engineering Consultants 308 WALL TOWERS WEST MIDLAND, TEXAS 79701 PHONE 915/683-5721

June 16, 1982



New Mexico Department of Energy and Minerals, Oil Conservation Division P. O. Box 2088 Santa Fe. New Mexico 87501

Attention Mr. R. L. Stamets, Technical Support Chief

Subject: Administrative Application for Infill Well Finding for Doyle Hartman's Munn-Harrison "B"-1 Well, Section 7, Twp. 25 South, Range 37 East @ 660' FNL & 2256' FWL, Jalmat Pool, Lea County, New Mexico

Gentlemen:

Application is hereby made for an administrative infill well finding effective with initial gas deliveries for the described well, in accordance with Exhibit "A", Order R-6013A. The following constitute compliance with said order:

- Rule 5: Attached are copies of Forms C-101 and C-102.
- Rule 6: The name of the pool in which the infill well has been drilled is the Jalmat Pool. Standard well spacing in the Jalmat Pool is 640 acres.
- Rule 7: The non-standard 80-acre proration unit assigned to the application well was approved administratively by Order NSP-1304(L), dated May 3, 1982, a copy of which is attached hereto.
- The requirements of Sections "a." through "f." are Rule 8: included on the attached Table No. 1, "Summary of Required Information, Rule 8, Exhibit "A", Order No. R-6013-A". Section "g." of Rule 8 requires "a clear and concise statement indicating why the existing well(s) on the proration unit cannot effectively and efficiently drain the portion of the reservoir covered by the proration unit." The Jalmat Pool proration unit dedicated to the application well is the E/2 NW/4 Section 7, Twp. 25 South, Range 37 East. The north 40 acres (NE/4 NW/4) of the non-standard proration unit was not dedicated to a Jalmat Pool well prior to its dedication to the application well, the south 40 acres (SE/4 NW/4) of the non-standard proration unit was and is

dedicated to the Tahoe Oil & Cattle Co. Judy No. 2 Well (located 1980' FNL & 1980' FWL, 7-25S-37E), so that, until the Doyle Hartman Munn-Harrison "B"-1 has been connected to the gas transportation facilities of El Paso Natural Gas Co. and gas deliveries have begun, the 80-acre non-standard proration unit will be simultaneously dedicated. At such time as gas sales from the Doyle Hartman Munn-Harrison "B"-1 commence, the Tahoe Oil & Cattle Co. Judy No. 2 well will be plugged and abandoned. The Tahoe Oil & Cattle Co. Judy No. 2 was completed on October 15, 1979, from ten perforations between well depths of 2801' and 3254' flowing gas on the tubing-casing annulus at a rate of 55 MCF per day. As of April 1, 1982, this well had produced an accumulated gas volume of 5201 MCF, and the mean gas production rate of this well was 65 MCF per month for the months of January through March 1982. The gas production rate for the Tahoe Oil & Cattle Co. Judy No. 2 was below the experience derived Jalmat Pool economic limit of production for January through March 1982, so that no economical gas reserves remain to be produced from this well. Accordingly, the Tahoe Oil & Cattle Co. Judy No. 2 Well cannot and could not drain the remaining Jalmat Pool gas reserves located beneath the SE/4 NW/4 7-25S-37E either efficiently or effectively.

Rule 9: Sec. a. Requires that a formation structure map be submitted; attached is a Yates formation structure map of that portion of the Jalmat Pool area that includes 7-25S-37E.

Sec. b. Requires that the "volume of increased ultimate recovery expected to be obtained and a narrative describing how the increase was determined" be submitted. The estimated ultimate gas recovery for the Doyle Hartman Munn-Harrison "B"-1 is 346 MMCF. Since there are no other economically recoverable gas reserves to be derived from the proration unit assigned to the Doyle Hartman Munn-Harrison "B"-1, the entire 346 MMCF of anticipated ultimate gas recovery constitutes "increased ultimate recovery". This estimate of ultimate recovery was derived as follows:

(1) Well logs for the Doyle Hartman Munn-Harrison "B"-1 were analyzed, with results that can be summarized as follows:

New Mexico Department of Energy and Minerals June 16, 1982 Page 3

Mean Porosity, Fcn. of Bulk Volume 0.21

Mean Connate Water Saturation, Fcn. of Net Effective Pore Space 0.12

Net Effective Pay Thickness, Feet 58.

Since the gross pay thickness constituting potential gas reservoir for the Hartman Munn-Harrison "B"-1 is 156 feet, the above estimate represents a net effective pay to gross pay ratio of approximately 37.2 percent.

(2) The June 4, 1982, well test reported on Form C-103 for the Hartman Munn-Harrison "B"-1 was analyzed, with results as follows:

Stabilized Deliverability Coefficient, MCF/day per psia²

0.009127

Initial Stabilized Wellhead Shutin Pressure, psia

193.2

Initial Gas Formation Volume
 Factor, scf/rcf

13.26

(3) The results of steps (1) and (2) above were combined, resulting in the following:

Original Gas-in-Place MMCF/Acre

6.11

MCF/80 Acres

489.03

Estimated Gas Recovery Factor, Fcn. of Orig. Gas-in-Place

0.708

Estimated Ultimate Gas Recovery, MCF per 80 acres

346.

Sec. c. Other supporting data submitted include the following:

N.M.O.C.D. Form C-105 for the Doyle Hartman Munn-Harrison "B"-1

All N.M.O.C.D. Forms on file for the Tahoe Oil & Cattle Co. Judy No. 2 Well.

New Mexico Department of Energy and Minerals June 16, 1982 Page 4

Gas Production History Tabulation and Graph for the Tahoe Oil & Cattle Co. Judy No. 2 Well.

New Mexico Oil Conservation Division Order No. NSP-1304(L).

We believe that the above documents this application as you require; however, we should be pleased to furnish you with anything else you might require if it is available to us.

Very truly yours,

Wm. P. Aycock, X.E.

WPA/bw

Attachments

TABLE NO. 1

SUMMARY OF REQUIRED INFORMATION, RULE 8, EXHIBIT "A", ORDER R-6013-A, (SECTIONS "a." THROUGH "f.")

NATURAL GAS POLICY ACT INFILL FINDINGS, ADMINISTRATIVE PROCEDURE

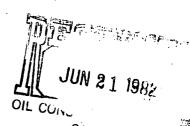
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SECTION OF RULE 8	RULE 8 REQUIREMENT T	PRE-EXISTING WELL AHOE OIL & CATTLE CO., OPERATOR	INFILL APPLICATION WELL DOYLE HARTMAN, OPERATOR
a.	Lease Name and Well Location	Judy No. 2 1980' FN&WLs 7-25S-37E	Munn-Harrison No. "B"-1 660' FNL & 2256' FWL 7-25S-37E
b.	Spud Date	June 5, 1974	May 20, 1982
с.	Completion Date	September 14, 1974	June 4, 1982
d.	Mechanical Problems	· · · · · · · · · · · · · · · · · · ·	None
е.	Current Rate of Production	Approx. 2 MCF/day	Not Yet Connected
f.	Date of Plug and Abandonmen	To be Plugged & Abandoned as soon as Application Well is connected, as it is uneconomical to produce	Just Completed

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NEXICO OIL CONSERVATION COMMISSEN WELL LOCATION AND ACREAGE DEDICATION PLAT

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PATRICK A ROMERO 6868	1,70	1					l.	
	0 330 660	-90 1320 1680 19	en 2310 2640	3000	1500 1000	800	1 1	PATRICK A ROMERO 6868

CERTIFICATION OF WELL DATA ON PRORATION PLAT (NMOCD Form C-102)



DOYLE HARTMAN, as Operator the herein designated well does hereby certify as required under OCD Order R-5878 Rule 15.4:

- (A) The location plat (C-102) corresponding to the herein designated well depicts all current producing wells or previously abandoned wells located on the subject acreage.
- (B) A description of any applicable well(s) that are located on the subject proration unit and that are presently producing or have previously produced from the same reservoir for which this Infill Filing is being made is as follows:

Operator:

Doyle Hartman (Tahoe Oil and Cattle Company)

Well:

Judy No. 2

Location:

1980 FNL & 1980 FWL (F)

Section 7, T-25-S, R-37-E

Lea County, New Mexico

Spud Date:

June 5, 1974

Reservoir:

Jalmat (Gas)

Production Period: 12-79 to date [as Jalmat (Gas)]

Cumulative Gas Production:

5.2 mmcf

Abandonment Date:

Immediately

Remarks:

The Judy No. 2 was initially completed as a Langlie Mattix Seven Rivers Queen Oil well, but was recompleted to Jalmat (gas) in December, 1979. This well is to be plugged and abandoned in the very near future so that the application well will be the only producing Jalmat (gas)

well on the proration unit.

Michelle Hembree

Administrative Assistant



BRUCE KING GOVERNOR LARRY KEHOE SECRETARY

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

May 3, 1982



Doyle Hartman P. O. Box 10426 Midland, Texas 79702

Attention: Larry A. Nermyr

Administrative Order NSP-1304(L)

Gentlemen:

Reference is made to your application for an 80-acre non-standard proration unit consisting of the following acreage in the Jalmat Gas Pool:

LEA COUNTY, NEW MEXICO

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
Section 7: E/2 NW/4

It is my understanding that this unit is to be simultaneously dedicated to your Munn-Harrison "B" Well No. 1 located at an unorthodox location 660 feet from the North line and 2256 feet from the West line of said Section 7, hereby approved under provisions of Rule 104 F, and your Judy Well No. 2 in Unit F, which will be plugged and abandoned if the proposed Munn-Harrison "B" Well No. 1 should be a producer.

By authority granted me under the provisions of Rule 5(c)(3) of Order No. R-1670, the above non-standard proration unit is hereby approved.

Additionally, NSP-1161 is hereby superseded.

Sincerely

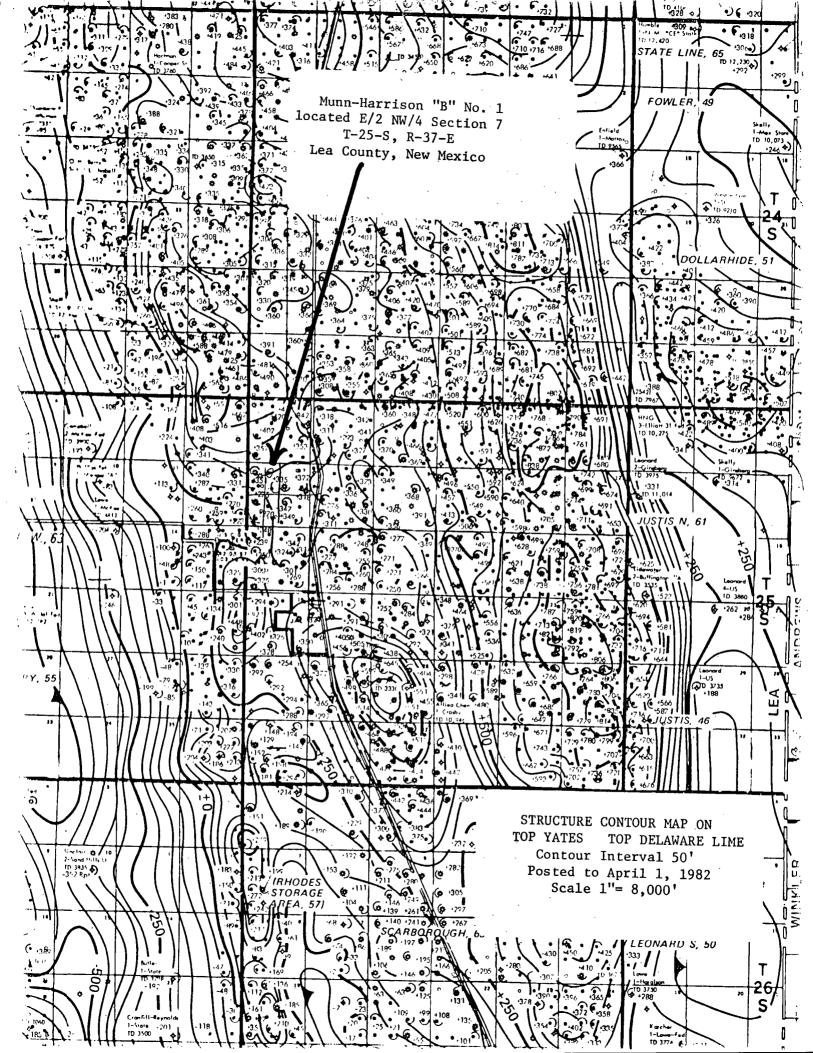
DOE D. RAMEY

Director

JDR/RLS/dr

cc: Oil Conservation Division - Hobbs

Oil & Gas Engineering Committee - Hobbs



no, or companients	0	A 3	1.		3	Form C Hevin	7-105 od 18-1-16
SANTA FE		. NEW E	VEXICO OIL COI	ISFRVATION C	MOLES IMMO:		fe Type of Lease
FILE			TIÓN OR RÉC			77.00 State	L
LAND OFFICE						TENT TO THE TOTAL	
OPERATOR	-					UN 8 TRACE	
						XBXX	
TO TYPE OF WELL					OIL CONS	7, Unit Ad	reduction (Come
b. TYPE OF COMPLET	OIL WEL		X DHY	OTHER		SANTA FE TE OF	SIUM. TELL.
NEW TH WOH	٠ []	N BACK	DIFF.				
2. Name of Operator	DEEPE	NL_I GACK	RESVR.	OTHER		9. Well Ro	Harrison "B"
Doyle Hartman			·			· .	mt Feel, or Wildow
	26 Midland	Towns 7070	່. ກາ				•
P. O. Box 1042	20 Midiand	, lexas /9/0	JZ			Jaima	t (Gas)
UNIT LETTERC	LOCATED	660 FEET F	North	L LINE AND	2256 FFE	T FROM ()	
						(a. omit)	
THE West LINE OF S	sec. 7 t	we. 25-S "61	E. 37-E 10429.			Lea	, Elev. Suchinghead
5-20-82		6-4-		1	9.5 GL	n, KI, GK, etc.). 19	
20. Total Depth		a Fack T.D.	22. If Multip	le Compl., How	23. Intervals	, Retary Tools	3169.5 Cuble Tools
3200	;	3188	Many		Drilled By	0-3200	
24. Producing Intervei(s	, of this complet	tion = Top, Bottom	, Name				25. Was Directional Surve
2000 2020	/10 11 1						
2808-2939 w				·			Yes Was Well Cored
CDN-DSN-GR a		orxo				27.	No No
23.			ING RECORD (Reg	port all strings se	et in well)		110
CASING SIZE	WEIGHT LB.	FT. DEPTH	ISET HO	LE SIZE	CEMENTI	NG RECORD	AMOUNT PULLED
9 5/8	36.0	425		2 1/4		(circ)	None
/	23.0	3188		3 3/4	700 sx	(circ)	None
	- 						
29.		INER ŘECORD		<u>-</u>	30,	TUBING RE	CORD ·
312E	тор	воттом	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
		A			2 3/8	3045	
		<u> </u>	<u> </u>	<u> </u>		<u></u>	
11. Perference Record (2814 2820		···	TURE, CEMENT S	QUEEZE, ETC. IND MATERIAL USED
2828, 2832, 283				2808-29		Λ/5200 15%	and the second section of the secti
2874, 2888, 289			•	``			400 + 173,000
					·		
21			BBO	NICTION.			
Date First reduction	Produ	action thethod (Flor	ving, gas lift, pum	DUCTION ping = Size and t	vpe pump)	Well Sta	tus (Prod. or Shut-in)
6-4-82		umping				l l	ıt-in
Date of Test	Hours Tested	Cheke Stre	Frodfu, For Test Period	он – вы.	Gns MCF	Water - 1951.	Ças – Qil Ratto
6-4-82	24	19/64			211		
Plow Tubing Press.	Çasin j Pressu	re Valgulated 2: Hour Bete	r on a tun.	Gas = MCI	F Water 	— вы.	il Gravity = AFT (Corr.)
34. Disposition of Gas (PCP=106	el. vented, etc.)		211		Test Witnessed	- دن نود آ
Vented		,,,				Harold S	_
35. List of Attachments						- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	<u>ц — </u>
36. I hereby certify that	the information	shown on both side	's of this form is to	rue and complete	to the best of my	knawledge and beli	ef.
P	O'VA			,			(0 00
SIGNED - 17 CL LI	7-14		TITLE	Engineer		DATE	6-8-82

[--

INSTRUCTIONS 14.

This form is to be filed with the open to District Office of the Commission not later to an days after the completion of any newly-drilled or hope at well. It shall be accompanied from a special tests content in the line drillestern tests. All destine reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall be reported. For multiple completions, from an through 34 shall be reported for each zone. The ferm is to be filed in quintuplicate except on state 1 and, where six copies are required. See Bule 1105.

•		South	eastern	New Mexico	Northwestern New Mexico						
T. Anhy	10	50	т	Canvon	TΩ	io At	armo		T	Penn, 'R'	
T. Salt _	11	45	T	Strawn	т к	irtlar	d-Fruit!	and .	т.	Penn. "C"	
B. Salt 2									Penn. "D"		
T. Yates					T. Cliff House						
										Madison	
										Elbert	
										McCracken	
	n Andres T. Simpson T. Gallup										
										Granite	
T. Bline	bry		т.	Gr. Wash	_ T. M	lorris	on		т.	<u> </u>	
					T. Wingate						
					T: Chinle						
T. Penn			T.		T. Permian				т.		
T Cisco	(Bough C	.)	т.		_ T. P	enn.	"A"		Т.		
				•	No. 4	, fro	ma	••••••••••••••		to	
No. 3, fror	n	• • • • • • • • • • • • • • • • • • • •		.to	No. 6	, fro	n	•••••••••		to	
				IMPORTA	TT WA	TER	SANDS	5			
*				d elevation to which water ros							
No. 1, fror	ri	•••••••••		to	••••••				*******	***************************************	
No. 2, from	n'	••••••	••••••	to	•••••••			fcct.	••••••		
No. 3, from	n	•••••	••••••	to				fect.	************		
No. 4, froi	11	************		to	· ··· ·····			fcet.		***************************************	
				FORMATION RECORD (Attac							
From	То	Thickness in Feet		Formation	Fr	om	То	Thickness in Feet		Formation	
1050	1145	95	Anhyo	drite							
1145	2658	1513	-	and Anhydrite							
2658	2804	146		nite and Anhydrite							
2804	3021	217		mite and Sand	\parallel						

From	То	Thickness in Feet	Formation	From	То	Thickness in Feet	Formation
1050 1145 2658 2804	1145 2658 2804 3021	95 1513 146 217	Anhydrite Salt and Anhydrite Dolomite and Anhydrite Dolomite and Sand				
3021	3191	170	Sand and Dolomite				

•	DISTRIBUTION /SANTA FE FILE U.S.G.S. LAND OFFICE TRANSPORTER GAS OPER/TOR	NEW MEXICO OIL CO	ONSERVATION COMMISSION FOR ALLOWABLE AND HISPORT OIL AND NATURAL	Form C-104 Supersedes Old C-104 and C- Effective 1-1-65
1.	Operator Doyle Hartman			1 1982
	Address	111 1 m 70702		SIAI
	Reason(s) for filing (Check proper box) New We!! Recompletion Change in Ownership X If change of awnership give name	Change in Transporter of: CII Dry Ga Casinghead Gas Conden	na arte 📋 📗	
	and address of previous owner	Tahoe Oil & Cattle Co.,	P. O. Box 3084, Midland	, Texas 79702
11.	DESCRIPTION OF WELL AND I	JEASE. Well No. Pool Name, Including Fo	ermention Kind of Lea	Se Lease No
	Judy Location	2 Jalmat (Gas)	State, Fede	ral or Fee Fee
	Unit Letter F 1980	Feet From The North Lin	e and 1980 Feet From	The West
	Line of Section 7 Tow	mship 25-S Range	37-Е , NMPM, Le	ea County
11.	ti wett titanses on or namas.	Inghead Gas 🐼 or Dry Gas 🗀	Box 1183, Houston, Tex Address (Give address to which app. P. O. Box 1384, Ja1, M	roved copy of this form is to be sent)
٠γ.	If this production is commingled wit COMPLETION DATA			
	Designate Type of Completio	n - (X) Gas Well Dute Compl. Ready to Prod.	Naw Well Workover Deepen	Plug Back Same Hes'v. Diff. Res
	Elevations (DF, RKB, RT, GR, etc.,	Name of Producing Formation	Top Ott/Gas Pay	· Tubing Depth
				Depth Casing Shoe
	Perforations			. Depth Casing Shee
	HOLE SIZE	TUBING, CASING, AND CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
V.	TEST DATA AND REQUEST FOOIL, WELL. Date First New Oil Bun To Tonks	OR ALLOWABLE (Test must be a oble for this de	fter recovery of total volume of load of spih or be for full 24 hours) Froducing Mothod (Flow, pump, gas	
	Length of Test	Tubing Pressure	Casing Fressure	Choke Size
				Gas-MCF
	Actual Fied, During Test	Oil-Bbis.	Water - Bblu.	Jun - A.Or
	GAS WELL			·
	Actual Frod. Teet-MCF/D	Length of Test	Bbls. Cordensate/AMCF	Gravity of Condensate
١.	Testing heathod (pirot, back pr.)	Tubing Pressure (chut-in)	Cosing Pressure (Shut-in)	Choke Size
٠,	CERTIFICATE OF COMPLIANC	lce	OIL CONSERV	ATION COMMISSION
	I hereby certify that the rules and r Commission have been compiled we above is true and compiles to the	with and that the information given	APPROVED	Y 3 1982 . 19

Lang a. no Engineer (Tule)

April 30, 1982 (Date)

DISTRICT I SUPR.

This form is to be filed in compliant with HULE 1104.

If this is a request for allowable for a newly define foregone.

Well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with HULE 111. All sections of this form must be filled out completely for allo-able on new and recompleted wells.

JERRY SEXTON

FIII out only Sections I, II; III, and VI for changes of owns well name or number, or transporter or other such change of conditi Separate Forms C-104 must be filed for each pool in multi, computed wells.

CATTLE CO.

PHONE: 915-683-8009 + P.O. BOX 3084

October 22 OIL CUIN

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

> Tahoe Oil & Cattle Co. Judy #2 Unit F, Section 7 T-25-S, R-37-ELea County, New Mexico

Gentlemen:

We hereby make application for an exception to Rule 104 for a Non-Standard Proration unit on the above captioned well.

Attached is a plat showing the acreage dedicated to this well. All offset operators are shown on this plat and have been notified by copy of this application.

Very truly yours,

K. A. Freeman Petroleum Engineer

cc: Doyle Hartman Reserve Oil Dalport

Attachment

NEW MEXICO OIL CONSTRUCTION COMMISSION ** WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

Amended All distances must be from the outer boundaries of the Section. Sperator Well No. Tahoe Oil & Cattle Co. Judu Unit Letter Section Township Range 25-S 37-E Actual Footage Location of Well: 1980 1980 feet from the line and Ground Level Elev: Producing Formation Pool OIL 3152' GL Yates SE NW 40 Jalmat 1. Outline the acreage 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? If answer is "yes." type of consolidation _ If answer is "no," list the owners and tract descriptions which have actually been 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, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commis-CERTIFICATION Dalport I hereby certify that the information con-Tahbe tained herein is true and complete to the s) of my knowledge and belief. Doyle Petroleum Engineer Hartman Tahoe Oil & Cattle Co. 1980' Judy #2 Reserve Oi October 22, 1979 Tahoe I heraby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same Is true and correct to the best of my knowledge and belief. Reserve Reserve Qi Date Surveyed Registered Professional Engineer and/or Land Surveyor Certificate No.

2000

1500

1000

500

330

660

...

1320 1650

1980

\$ 2		· .						
	EIVED							
DISTRIBUTI	DISTRIBUTION							
SANTA FE								
FILE								
U.S.G.S.								
LAND OFFICE								
TRANSPORTER	OIL							
THE NAME OF THE NA	GAS							
OPERATOR								
PRORATION OF	ICE							
Operator								
		.						

NEW MEXICO OIL CONSERVATION COMMISSION REQUEST FOR ALLOWABLE

Form C-104 Supersedes Old C-104 and C-1

FILE				j			AND			<u></u>	liective 1-1-	يجينها استال أواة
U.S.G.S.			AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS DE CONTROL SALE									
LAND OFFICE						1011 10 11	.,,,,,,,,	OIL AND	MATOKAL			-1
TRANSPORTER }	OIL GAS									ال	UN 211	1982
OPERATOR				1						, (₃		
PRORATION OFFIC	E			1								
Operator			L		 	· · · · · · · · · · · · · · · · · · ·	 	······································				
Tahoe Oil	& C	ati	:le	Co.	•					•		
Address		-							·			
P. O. Box	: 308	4,	Mid	lland,	Texas 7	9702					77.	
Reason(s) for filing (C.	heck pr	oper	box)					Other (Pleas	e explain)	•		
New Well	_			Chang	e in Transpo	rter of:						
Recompletion X	1	,		Oil	Ļ	Dry 'G	ics					
Change in Ownership	<u>.</u>			Casin	ghead Gas	Cond	ensate		· .			
! Change of ownership	p give	nam	c			٠			•			
and address of previous												
DECOMPTION OF	11: FT F		T	DACE		÷						
DESCRIPTION OF Lease Name	WELL	Ar	ND I		No. Pool Na	me, including	Formation		Kind of Leas	:0		Lease No
Judy				2				,	State, Feder	al or Fee	Fee	
Location					Jalı	ııa L			J		166	J
Unit Letter F	;	1	980	Feet	From The	North L	ne and	980	Feet From	The West	·	
Line of Section	7		Town	nship 25	5 - S	Range	37-E	, NMPM	. Lea			Country
Eine of Section				iomp = -		ronge	<u> </u>	, 141011 101	. деа			County
DESIGNATION OF	TRAN	SPO	ORT	ER OF O	IL AND N	ATURAL G	AS					•
Name of Authorized Tra					r Condensate		Address (Give address	to which appro	ved copy of t	his form is	to be sent)
The Permian C	orpo.	rat	ion		1		Box 118	83. Hous	ton, Texa	s 77001		
None of Authorized Tra	insporte	er of	Casi	nghead Gas	or Dr	y Gas	Address (Give address	to which appro	ved copy of t		to be sent)
El Paso Natur	al G	as	Сот	ipany			Box 14	92. El Pa	aso, Texa	S		
If well produces oil or l	iquids.	 .	7	Unit S	Sec. Twr	p. P.ge.		ually connect		en		
give location of tanks.	,40,007	· ·		C !	7 25	5 37		No	1			
f this production is co	ommin	-led	with	that from	any other l	ease or pool.	give comm	ingling order	number:			
COMPLETION DAT							B 110					
Designate Type	of Co	mnle		(Y)	Oll Well	Gas Well	New Well	Motrovet	Deepen	Plug Back	Same Res	s'v. Dill. Res'
	01 Co	mpre			<u> </u>	<u> </u>		<u> </u>	 _ 	<u> </u>	1	<u> </u>
Date Spudded		,			I. Ready to P	rod.	Total Dep	th .		P.B.T.D.		
6/5/74			_		<u> 12/79 </u>	 	<u> </u>	3520 '	 		3300'	
Elevations (DF, RKB, R	≀T, GR,	, elc	ا ن		roducing Form	nation	Top O:1/G	as Pay 2800	•	Tubing Der		
3152' GL Perforations				Jalm	at	·					3221	
2801, 2815	5. 28	355	. 2	860. 28	64. 2892	2. 2931	3142 33	227 c 324	. .	Depth Cast	-	
											3520	
UOL E 613				CASI		CASING, AN	J CEMENT				1040.051	
HOLE \$17	-				NG & TUBI	NG SIZE		DEPTH SE	<u></u>	3.	ACKS CEN	
··· ·····		.		8-5	·			317'		 	_ 175_sx	
7-7/8			-+	<u>4-1</u>	/2 /8		+	<u>3520'</u> 2159'		 	325 sx	
. — <u> </u>							 	2139	 -	+	50 sx	
TEST DATA AND R	FOU	-ST	FO	RATIOU	VARIE (Tare muse had	free teconery	of total value	me of load all	and must be a	aval tá as	evened top alle
OIL WELL	,L,QUI	_01		ii ALLO	. C	able for this d	epih or be for	full 24 hours)	2112 MU31 VE E	V001 10 07 6	excess top and
Date First New Oil Run	To Ta	nk s	$\neg \top$	Date of Tes	at .		Producing	Method (Flow	, pump, gas li	(t, etc.)		
		:		10/	15/79			pumpina				
Length of Test		,		Tubing Pre-	99/II 0		Casing Pre		,	Choke Size		
				, 			<u> </u>			<u> </u>	 	
Actual Prod. During Tes	it			Oil - Bbls.	•		Water - Bbl	•.		Gos-MCF		
·					·			···········		1		
7.4.0 WED =									-		•	
GAS WELL Actual Prod. Tool-MCF		<u>.</u>		Length of T			Bhla. Cord	lensate/MMCF	•	Gravity of	Condensate	
	, 0			_	_							
55 MCFD Testing Method (pitot, b	ock pr	,		Zubing Pres	4 sewe (Shut-	in)	Cosing Pre	-sewe (Sbut-	·in)	Choke Size	·	
pitot tube		•	-		5#				-	none		
		T * *	L		<u>-π</u>	 	1	25# OU C	ONSERVA			
CERTIFICATE OF	COMP	LIA	MU	E '		•		OIL C	アロン	1 1 107	() ()) T
		_			-116-011-	· · · · · · · · · · · · · · · · · · ·	APPRO	VED 🖊	2 ULU	10 197	<u>J</u>	19
hereby certify that the	n com	plied	i wi	th and tha	at the inform	nation given		- (///	1 10/	Kinn	nos	
bove is true and cor	nplete	to	the 1	best of my	y knowledge	and belief.	BY	BUN	1 W.	TIST	~~	
	_	<u>`</u>	$\overline{}$			i at a	TITLE		Geogo		·	
. ,					· · · · · · · · · · · · · · · · · · ·	١٠	11					

(Signature)

Petroleum Engineer (Title)

10-16-79

(Date)

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepend well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

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

Fill out only Sections I. II. III, and VI for changes of owne well name or number, or transporter, or other such change of condition

Coverage Forms C-104 must be filed for each pool in multi-

	_ :
The state of the s	Form C-103 Supersedes Old
A FE NEW MEXICO OIL CONSERVATION COMMISSION	C-102 and C-103
APE MEXICO DIE CONSERVATION COMMISSION	Effective 1-1-65
s.	5a. Indicate Type of Lease
OFFICE LINE	State Fee X
ATOR OIL C	5. State Oil & Gos Lease No.
	100
SUNDRY NOTICES AND REPORTS ON WELLS SALE TO A DIFFERENT RESERVOIR. /A	
LL CAS X OTHER-	7. Unit Agreement Name
Tahoe Oil & Cattle Co.	8. Fam or Lease Name Judy
es of Operator	9. Well No.
P. O. Box 3084, Midland, Texas 79701	2
ion of Well	10. Field and Pool, or Wildcat
F 1980 North 1980	Jalmat
•	
West 7 25-S 37-E	
15. Elevation (Show whether DF, RT, GR, etc.)	
3152' GL	12. County
	Lea
Check Appropriate Box To Indicate Nature of Notice, Report or Oth	
NOTICE OF INTENTION TO: SUBSEQUENT	REPORT OF:
PLUE AND ABANDON REMEDIAL WORK	
COMMENCE DRILLING OPNS.	ALTERING CASING PLUG AND ARANDONMENT
ALTER CASING CHANGE PLANS CASING TEST AND CEMENT JOB	FLOR AND ARABDAMENT
OTHER	
*	
ribe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including	
) SEE RULE 1103.	estimated bate of starting any proposee
	,
1. Ran Gr/ Collar Log 3348' to 2600'.	
2. Set CIBP @ 3300', placed 1 sx cmt w/dump bailer on top of CIBP.	
	•
3. Perforate 2931', 2892', 2864',2860', 2855, 2815' & 2801' w/ 1 SPF	total of (7 holes).
A Dan wat hadden alone Common to	
4. Ran ret bridge plug & RTTS pkr, spot acid acress perfs, set RTTS perforations @ 1200#, Acidize with 1750 gal 15% + 15 ball sealers.	packer, broke down
perforations to 2600#, drop balls, formation treated at 900#. ISDF	BAIL OUT AIL D 500#
portorations to record, drop sairs, formation treated at 500%. 150r	300#.
5. Pull out of hole. Ran 2-7/8" tubing w/Double E packer set @ 2159'	or 70 joints.
Halliburton cemented 4-1/2" - 2-7/8" casing-tubing annulus with 5	
cmt.	
	er.
6. Ran 100 jts 3,221' of 2-1/16 IJ tubing. Ran 2" x 1-1/16 x 16' pum	p and 3/4" rods
slim hole cpls.	•
7. Set Parkersburg D-114 pumping unit	
8 Put on pump 10-12-79 and tested 10-15-79. 55 MCFD + 54 Bbls water by certify that the information above is true and complete to the best of my knowledge and belief.	•
1. C. fell Man Petroleum Engineer	DATE 10-15-79
Orig. Signed by	
Jerry Seklen	OCT 19 1979
Diet 1, Suppl	DATE

	Marke I respective			•		
COPIES BICLIVES				***		
DISTHITUTION	NEW MEXICO OIL CON	SERVATION COMMISS	Gift	Form C-101		
TAVE	~	minerale (Helprond 1-1-6	Type of Leone	
.G.S.		•		SA. MAICHE	Table of Feare	
VU OFFICE	e de la companya de l			S Simonal	& Gas Least No.	
IRATOR	•	,	Ollogo	4 1 MA	Gas Leash No.	
			OIL CONSE.	TITTE		11
	RMIT TO DRILL, DEEPEN	N, OR PLUG BACK	SA	WA JAJ ?	The state of the s	11)
The of Work				7. Unit Agree	ment Name	
yre of Well DRILL	DEEPEN []]	PLU	G BACK 💢			
L 1"7 6A5 1♥7		SINGLE D	ULTIPLE ()	8. Furm or Le		
rect writ orner	. R	2 CNE		Judy 9. Well No.	·	
Tahoe Oil & Cattle Co.	."		j	2		
mess of Operator				10. Field and	Poel, or Wildeat	
P. O. Box 3084, Midland,	Гехаs 79702		·	Jalma	a†·	
UNIT LETTER F	10CATED 1980	FEET FROM THE NOI	rth Line			11
1000		05.0	· }			11,
1980 FILT FROM THE WOST	William St. J.	7. 25-S P. C.		11111111111111111111111111111111111111		115
			111111111	Lea		11.
				HÜÜH	HHIMTT	111
		Υ	19A. Fornation		20. Hotery of C.T.	
estation phone whether HF, KT, etc.)	21A. Kind & States Flug. Bond	3230	Jalmat	, <u>, , , , , , , , , , , , , , , , , , </u>		. بند د
3152' GL	Blanket	Gene's Well Sei		1	Date Work will start)-1979	
ال مناعد داننده المساوم المساور المساو				1		
	PROPOSED CASING A	ND CEMENT PROGRAM			•	
SIZE OF HOLE SIZE OF C		TT TE T T T T T T T T T T T T T T T T T	H SACKS OF	CEMENT	EST. TOP	
12-1/4" 8-5/8		317	175		Circ.	
7-7/8" 4-1/2		3520	325		2500	
4-1/2" Csg. 2-7/8	6.5	2100	100	-	Circ.	•
I. Set cast iron bridge p	olug @ 3200', place 3	sack cement win	th dump bai	iler on t	op of bridge	
plug.			•		,	
2. Run 2-7/8" 6.5# tubing						
3. Perforate Yates 2863'-4. Run 2-1/16" 1. J. tubi		even Rivers 3142	', & 3227'.	• •		
5. Acidize with 1,000 gal			•	•	•	•
6. Frac with 25,000 gal.	gel water & 30,000#			•		
7. Flow back to clean up	& run potential test	t. , , , , , , , , , , , , , , , , , , ,		•		
	•					
					•	
					•	
. ·		•			٠.	
	• •					
WE LEACE DESCRIBE PROPOSED PROGRAM, IF	GRAM: IF PROPOSAL 15 TO DELPEN ANY.	OR PLUG BACK, GIVE DATA (ON PRESENT PROD	CLINE SOME Y	ND PROPOSED NEW THE	0 U C •
certify that the information above is true	and complete to the best of my	knywledge and bellef.				
5 Ch 16 12 12 12	Tile Petrole	eum Engineer		2/28	3/79	
(This space) for State Use)						
() // 0	1	Geologia		M	AR 5.1979	
100 John W Kung	EN TITLE	A STATE OF THE PARTY OF THE PAR	D	 ATE	9 13/3/	
ICHS OF APPROVAL, IF ANYI		•				

		• • •				
TABUTION	NEW MEX	ICO OIL CONSERV	ATION COMMISSI	ои	Form C-103 Supersedes Old C-107 and C-103 Effective 1-1-65	· .
FFICE				Prince of the second	State State Off & Gos Lea	, r. (X
DO NOT USE THIS FORM FOR JEG	Y NOTICES AND R	EPORTS ON WEI		JUN 2 1		
IX SAL	61 н (р.	-		SALLIN	7. Unit Agreement Nom	•
of Cyre, clar	Cattle Company	79703			E. Fam or bease Name Judy 9. Well No. #2	
of Well	980		1980		10. Field Gid Friel, or N Langlie-Mattix	
	7 16w		37E		12. County Lea	
Check A	ppropriate Box To	o Indicate Natur	•	•	er Data REPORT OF:	
1 / 1 / 1 / N ()		14NS () (4S)	MINE TENLINE CONS.	.c.]	ALTERNO (AS	
e Fregered or Confleted Oper the Rule 1103.	cottons (Clearly state of	Il pertinent details, a	nd give peniners date	es, including e	stingered date of starting	ony proposed
1. Came off the o	existing Braden	Head and bro	ught to groun	nd level w	vith á 2" surfac	e line.
2. Tested for Pro	essure, No pres	sure.				

- 3. Left hooked up for pressure gauge readings for future inspections.
- 4. Inspected by Eddy Seay with New Mexico Oil Conservation Commission on September 15,

nyy that the Internation above is true and complete to the best of my knowledge, and belief

Petroleum Engineer

9/13/78

ו אסודעם stribut loa			•
SA TAFE	REQUEST	CNSERVATION COMMIT ON FOR ALLOWABLES AND	Form C-104 Supersedes Old C-104 and (Effective 1-1-65
. G.S.	AUTHORIZATION TO TRA	NSPORT OIL AND NATURAL	L GAS
TRANSPORTER OIL GAS OPERATOR PRORATION OFFICE			JUN 8 1 1000
Operator		CO CO	CO
Tahoe Oil and C	Midland, Texas 79701		SANIA PL SION
Reason(s) for filing (Check proper box) New We!! Recompletion Change in Ownership	Change in Transporter of: Oil Dry Ga Casinghead Gas Conden	≔	
If change of ownership give nameJo	hn H. Hill Suite 140 Ca	ampbell Center 8350 No	orth Central Expressway
DESCRIPTION OF WELL AND I		-	Texas 752 06
Lease Name JUDY Location	Well No. Pool Name, Including Fo	. 1	deral or Fee Fge
Unit Letter F : 1980	Feet From The North Lin	e and <u>1980</u> Feet Fr	om The West
Line of Section 7 Tow	mship 25-S Range	37-Е , ммрм,	Lea Count
DESIGNATION OF TRANSPORT	TER OF OIL AND NATURAL GA	S Address (Give address to which ap	oproved copy of this form is to be sent)
Cities Service Oil Co	ompany	Box 300 Tulsa.	operated copy of this form is to be sent)
El Paso Natural Gas C		P.O. Box 1492 E	A contract of the contract of
If well produces oil or liquids, give location of tarks.	Unit Sec. Twp. Pgc. C 7 25 37	is gas actually connected?	When
If this production is commingled wit	h that from any other lease or pool,		No No
Designate Type of Completion		New Well Workover Deepen	
Date Spudded 6-5-74	Pate Compl. Ready to Prod. 9-14-74	Total Depth 3520	P.B.T.D. 3500
Elevations (DF, RKB, RT, GR, etc.) 3152 GL	Name of Producing Formation Langlie Mattix	Top Oil/Gas Pay 3075	Tubing Depth 3495
Perforations		**************************************	Depth Casing Shoe
3075 - 3469 w/ 12 st		CEMENTING RECORD	
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12 1/4 ''	8 5/811 h 1/211	317' 3520'	175 325
1 1/0	4 1/4	3520.	342
TEST DATA AND REQUEST FO	OR ALLOWARIE /Tass must be a	fter recovery of total values of land	oil and must be equal to or exceed top a
OII, WELL Date First New Oil Run To Tanks		pth or be for full 24 hours) Producing Method (Flow, pump, ga	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bhla.	Water - Bbis.	Gas-MCF
	<u> </u>	1	
GAS WELL	Te a de		
Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condennate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-is)	Casing Pressure (Shut-in)	Choke Size
CERTIFICATE OF COMPLIANCE	CE	OIL CONSE	NOIZZIMMO Z KOJTĄVĮ
I hereby certify that the rules and r Commission have been complied w above is true and complete to the	ith and that the information given	APPROVED	, 19
TO TO THE ONE COMPLETE TO THE		BY Orig Signed Joe D. Rame TITLE Dist. I, Supv	cy
To a	/	This form is to be filed	in compliance with RULE 1104.
K. C. Afternoon	K.A. Freeman	li well, this form must be acco-	llowable for a newly drilled or deeps mpanied by a tabulation of the devia
Petroleum Engineer		tests taken on the wall in a	must be filled out completely for all
April 10, 1975	···/	able on new and recompleted	I. II. III. and VI for changes of ow
(Da	ie)	well name or number, or trans	porter or other such change of condi
•	· · · · · · · · · · · · · · · · · · ·	•	* <u>.</u>

· <i>J</i>			the ext							
HO. OF-COPIES RECEIVE	D		•		• • • • • • • • • • • • • • • • • • • •	•	3	े _ऽ 4.'	Form (C-105
DISTRIBUTION		→ У			•		: 3 L .	, *	Revis	ed 1-1-65
SANTA FE		NEWA	AEXICÓ O	IL-CON	SERVATIO	и со	MMISSION	i		te Type of Lease
FILE	٧	VELL COMPLE	TION OF	REC	OMPLETIC	N R	EPORT A	AND LOG	State	
U.S.G.\$.		• •							5. State O	Oll & Gas Lease No.
LAND OFFICE	- - - 			,	.*					
OPERATOR	لنابلن							į		
Id. TYPE OF WELL	 								777777	
Id. TTPE OF WELL	OIL	GAS			•		DISTA	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	7. Unit Aq	greement Nume
b. TYPE OF COMPLET	WEL	L X WELL		ORY L	OTHER_	/		$\frac{VH}{P} \frac{H}{P} \frac{1}{2} \frac{1}{P}$	19.715 mm o	r Lease Name
NEW V WOR	* (PLUG	01#	٠. السا					. 1	•
2. Names of Operator	R DEEPE	NLJ BACK	L AES	SVR.	OTHER	المالي	I JUI	ا رو ا	Jud	
Tohn U U:1	1					Ou	7	· ~ 1 194	2	"
John H. Hil	1					<u> </u>	<u> </u>		10. Field	and Pool, or Wildow
313 E. Ande	rcon Tano	- Suito 223) Auc+	3 ∞ T			ζ.	ł		Mattix 7 Rivers
4. Location of Well	ison Lane	- buile 332	Aust.	III.	exas				77777	V78884XV7777777
• •		,								
UNIT LETTER F	LÓCATED	1980	ROM THE	North	1105 405		1980	FEET FROM		
					TITTI	TT	TITIK	17777	12. Count	,
THE West LINE OF S	ec. 7 r	wp. 25S ac	ε. 37E	NMPM			IXIIII			
15. Date Spudded	16. Date T.D. R	eached 17. Date	Compl. (Re	ady to F	rod.) 18. 1	Eleva	tions (DF,	RKB, RT, G	R, etc.) 19	e, Elev. Cashinghead
6-5-74	6-13-74		-13-74		ľ		r, 316	and the second second	• .	3152
20. Total Depth	21. Pluc	Back T.D.	22. 1	f Multipl Jany	e Compl., Ho	w T	23. Intervo	als , Rotar	Tools	, Cable Tools
3520	3	488	["	nany		-	Drilled	—→ : 0 –:	3520	
24. Producing Interval(s	, of this complet	ion - Top, Bottom	, Name				·		_ 	25. Was Directional Survey
		***						-	•	Made
3075-3469		ers - Queer	1						•	No
26. Type Electric and O	ther Logs Run								27.	Was Well Cored
Dual latero	log, Gamm	a Ray Dens	ity							No
28.		CAS	ING RECO	RD (Rep	ort all strings	s set i	in well)			
CASING SIZE	WEIGHT LB.	FT. DEPTH	SET	ног	E SIZE		CEME	NTING RECO	RD	AMOUNT PULLED
8-5/8	32	31	7		11	17	5 sks (Class C		None
4-1/2	9.5	352	0		7-7/8	325	sks 50	/50 Pos	& Cla	ass None
	<u> </u>							·	C	
\				·····					· · · · · · · · · · · · · · · · · · ·	
29.	L	INER RECORD	· · · · · · · · · · · · · · · · · · ·				30.	<u> </u>	UBING RE	CORD
SIZE	тор	BOTTOM	SACKS C	EMENT	SCREEN		SIZE	DE	TH SET	PACKER SET
				<u></u>			2-3/8	34	50	
			L							
31. Perforation Record (Interval, size and	l number)			32.					QUEEZE, ETC.
0075 0460	. 2 /0 !!	10 5-1			DEPTH					IND MATERIAL USED
3075-3469	. 3/8"	13 holes	5		3075-3	469				% NE acid
	•		*					qelled		26,300 gals.
•				-				derrea	mesii v	vater
33.		·		PROD	UCTION		_,			
Date First Production	Produ	ction Method (Flou	ving, gas li	ft, pump	ing - Size an	d typ	e pump)		Well Stat	tus (Prod. or Shut-in)
7-24-74	Pu	mping. 1-1	/2" x	16' In	sert				Pro	oducina
ate of Test	Hours Tested	Choke Size	Prod'n.	For	Oil - Bbl.		Gas - MCI	F Wate	r - Bbl.	Gas-Oil Hatlo
9-14-74	24		Test Pe	>	5		15		85	3000:1
low Tubing Press.	Casing Pressur	Calculated 24	- OII - BI	bl.	Ga3 1	JCF		ater – Bbl.		il Gravity - API (Corr.)
-		Hour Rate	. 5			5		85		30.6°
4. Disposition of Gas (Sold, used for fue	el, vented, etc.)		·					Witnessed	
Sold								G	. F Pl	nillins
5. List of Attachments		····								
Logs					,					<u>.</u>
5. I hereby certify that	the information s	hown on bath side	s of this fo	rm is tri	ie and comple	te to	the best of	my knowled	ge and beli	ef.
	V. 1									
	Tie Ins do	tél.	414	,	uperinte	nde	ent		DATE	9-16-74
SIGNED	Window	the state of	TIT	<u> </u>					DATE	<u>* * </u>

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or 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 special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

South	eastern New Mexico	Northwe	stem New Mexico	•
T. Anhy 1032	T. Canyon	T Ojo Alamo	T. Penn. "B"	
T. Balt1125	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"	
		T. Pictured Cliffs		
T. Yates 2808	T. Miss	T. Cliff House	T. Leadville	
T. 7 Rivers 3026	T. Devonian	T. Menefee	T. Madison	
T. Queen 3346	T. Silurian	T. Point Lookout	T. Elbert	
T. Grayburg	T. Montoya	T. Mancos	T. McCracken	
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzte	
T. Glorieta	T. McKee	Base Greenhorn	T. Granite	
		T. Dakota		
T. Blinebry	T. Gr. Wash	T. Morrison	т	
T. Tubb	T. Granite	T. Todilto	T	
T. Drinkard	T. Delaware Sand	T. Entrada	T	
T. Abo	T. Bone Springs	T. Wingate	T	
		T. Chinle		
T. Penn.	т	T. Permian	т	
T Cisco (Bough C)	т	T. Penn. "A"	T	<u> </u>
		•		

• ,			FORMATION RECORD (Attach	additional	sheets i	necessar	y)
From	То	Thickness in Feet	Formation	From	То	Thickness in Feet	Formation
1300 2500 2660 2808	1032 1125 1300 2500 2660 2808 3026 3520	1032 93 175 1200 160 148 218 494	Sand, caliche, redbeds Anhydride Salt Anhydride and salt Salt Dolomite Sand and dolomite Dolomite and lime w/sand stringers	15 m 2 hr. rate IF 13	in. pr FSI. 34 mc 5#, FI	eflow, Gas to /day. 135#,	-2916'. 1 hr. ISI, 1 hr. flow, 5 surface in 15 min., Preflow 140#, ISI 145#, FSI 145#. Recovered ate water.
; 							
							TO.
							Die Vergeren in der Gehalf.

NEW ICO OIL CONSERVATION COMMISSION, WELL TION AND ACREAGE DEDICATION FE

NUN: 1	H. HILL		ease	The Section	0.
F	i entire	Township 25 South	Judy 37 East	i Iee	_ 2
.980	tee trop tree.			in Mest	•• •
1.55	Field Comple		1:11		CP NUA 40
.52. ا اندا)		cated to the subject w			SE NW 40
Hea		is dedicated to the wel	•		· · · · · · · · · · · · · · · · · · ·
		different ownership is unitization force-pool		have the interests of	all experiences
	Yes Nov. II	answer is "yes," type i	of consolidation	e e e e e e e e e e e e e e e e e e e	
	isher is "nic" list th	e awners and tract desi	riptions which have as	tualis been consideda	ted Conservation
م بنگ	diswable will be assigned quadrag. or otherwise	goed to the well until al se) or until a non-standar			
)		interation is ± 1 interaction.
				heret, ce	nografy stronger trape of the con-
				turned here	en e
		- 19861 -		νø	Wiederkeln
			e e e e e e e e e e e e e e e e e e e	V. L.	Wiederkehr
				Super	intendent
-	··· 1980' - · · · · · •			John	H. Hill
				May	6, 1974
			• • • • • • • • • • • • • • • • • • • •		
				stant on the	in the state of th
			CHUINER & AA	index my	
				anowledge	and bece
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			TOWN W WEST	Novemb	er 21,1973

John w west

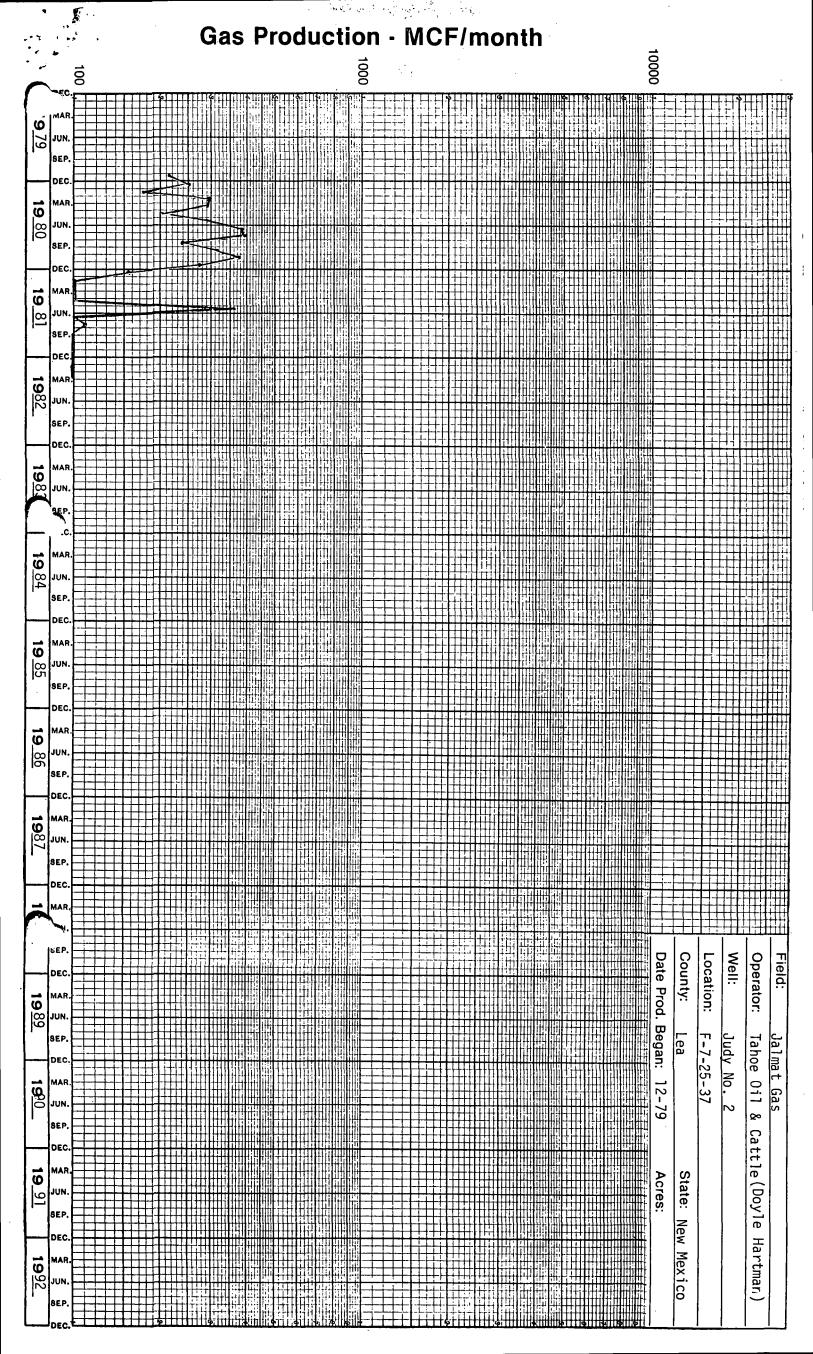
GAS PRODUCTION HISTORY

perator:		Tahoe Oil & (Cattle Compan	y (Doyle Ha	artman)	·	
/ell:	· '	Judy No. 2	·				
ocation:		F-7-25S-37E					
-		<u> </u>		· · · · · · · · · · · · · · · · · · ·	·	·	
			· · · · · · · · · · · · · · · · · · ·				
· -		, , , , , , , , , , , , , , , , , , , ,				· · · · · · · · · · · · · · · · · · ·	·
pud Date	:	· · · · · · · · · · · · · · · · · · ·	Ori	ginal Complet	ion Date:		
		Gas):					
ompletio	n Date (Gas):		First Pro	duction (Gas): _	12-79	
lemarks:					• .	<u> </u>	
						·	
	· · · · · · · · · · · · · · · · · · ·			0			
					_		
Year	No. of Mos.	Annual Gas Production (MCF)	Avg. Gas Rate (MCF/mo.)	Cum. Gas Production (MMCF)	Annual SIP (psia)	P/A	<u> </u>
1979	1	218	218	.2	N/A	N/A	
1980	12	3493	291	3.7	426.2	460	
1981	12	1294	108	5.0	304.2	325	
1982	4	214	54	5.2	N/A	N/A	
	·					·	

 .			· · · · · · · · · · · · · · · · · · ·				
	· · · · · · · · · · · · · · · · · · ·	·	· .	-		· · · · · · · · · · · · · · · · · · ·	
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<u> </u>		·					

	<u> </u>					·	
			:			· .	
*	1 <u>9 81</u>	Detail Summary			1982	_ Detail Summary	
ań	158		01	Jan	77	July	
eb	61		09	Feb	68	Aug	
farch	56		3	March	51	Sept	
pril	67		1	April	20 20	Oct	
1ay	88		5	May		Nov	
une	361	Dec5	54	June	•	Dec	





OIL PRODUCTION HISTORY

ator: _	Juc	dy No. 2	<u> </u>			
:		7-25S-37E		,		
ıtion: _						
			······································	 .		
:	Lar	nglie Mattix				
d Date:	<u></u> - ·		Orig	ginal Completio	on Date:	,
pletion	n Interval (Oil):				
):		First Prod	fuction (Oil):	
arks: _		rst Production	·			
· -	^ Re	-completed to	Jaimat (Gas)			
-		<u> </u>				
	No. of	Annual Oil Production	Avg. Oil Rate	Cum. Oil Production	Annual Water	
974	<u>Mos.</u> 4	(BBL) 81	(BBLS/mo)	(MBO)	Production	
775	9	1263		.08	2479	
76	12	4203	350	<u>1.3</u> 5.5	<u>18096</u> 28556	
77	12	3247	271	8.8	44424	· · ·
78	12	1181	98	10.0	40716	
79	3	190	63	10.2	10188	
					10100	
			· · · · · · · · · · · · · · · · · · ·			
						
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		·	····			
<u> </u>					·	
			. 			
	·				•	
				*		
		Detail Summary		Jan		Detail Summary
						July Aug
				Feb March _		
		•				
		Oct Nov				Nov.
				June	······································	Dec.
		UGU		Julio	· · · · · · · · · · · · · · · · · · ·	<i></i>

Oil Production - BBL/Month 100 19/5 19// 19/8 19 <u>0</u> Well: Field: Date Prod. Began: Operator: Location: Judy No. 2 Landlie Mattix Takoe Oil and Cattle Company State: 19<u>85</u> Z

Offset Jalmat (Dry Gas) Owners Munn-Harrison "B" No. 1 E/2 NW/4 Section 7, T-25-S, R-37-E Lea County, New Mexico

Jalmat Dry Gas Owner	Date Notification Mailed	Date Notification Received	Date Notification Acknowledged
Getty Oil Company	March 24, 1982	March 25, 1982	March 29, 1982
Dalport Oil Corporation	March 24, 1982	March 29, 1982	March 29, 1982
Phillips Petroleum Corp.	March 24, 1982	March 26, 1982	March 22, 1982 (April 22, 1982?)

Oll Operator
500 N. MAIN
P. O. BOX 10426
MIDLAND, TEXAS 79702

(915) 684-4011

March 24, 1982

Offset Jalmat (Dry Gas) Owners Proposed Munn-Harrison "B" No. 1 E/2 NW/4 Section 7 T-25-S, R-37-E Lea County, New Mexico

We would be very appreciative if you would indicate your approval of our request for non-standard proration unit and non-standard location to be dedicated to the above-captioned well and our intention to qualify the Munn-Harrison "B" No. 1 as a Section 103 (Infill) well by signing one copy of this request and returning it in the enclosed self-addressed, stamped envelope.

We have a rig available which we would like to use in the drilling of this well, so your prompt attention in this matter would be very much appreciated.

Very truly yours,

DOYLE HARTMAN

Larry A. Nermyr Engineer

			3			
	Approved this <u>29th</u> day of	March,	1982.		,	•
	Getty Oil Company					
٠.	By Jolloward					
	V					•
	Dalport Oil Corporation					
	By	,				
		•		+1:		
	Phillips Petroleum Company		•		<i>i</i> .1	
	Bv			w 4.8		1982

Oil Operator
500 N MAIN
P. O. BOX 10426
MIDLAND, TEXAS 79702

(915) 684-4011

March 24, 1982

Offset Jalmat (Dry Gas) Owners Proposed Munn-Harrison "B" No. 1 E/2 NW/4 Section 7 T-25-S, R-37-E Lea County, New Mexico

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We have a rig available which we would like to use in the drilling of this well, so your prompt attention in this matter would be very much appreciated.

Very truly yours,

DOYLE HARTMAN

Larry A. Nermyr Engineer

	th Eng
	Approved this 39 day of March, 1982.
	Getty Oil Company
٠.	Ву
/	Dalport Oil Corporation
	By CU Flock
	Phillips Petroleum Company

Ву

MAR 3 1 1982

Oll Operator
500 N. MAIN
P. O. BOX 10426
MIDLAND, TEXAS 79702

(915) 684-4011

March 24, 1982

Offset Jalmat (Dry Gas) Owners Proposed Munn-Harrison "B" No. 1 E/2 NW/4 Section 7 T-25-S, R-37-E Lea County, New Mexico

We would be very appreciative if you would indicate your approval of our request for non-standard proration unit and non-standard location to be dedicated to the above-captioned well and our intention to qualify the Munn-Harrison "B" No. 1 as a Section 103 (Infill) well by signing one copy of this request and returning it in the enclosed self-addressed, stamped envelope.

We have a rig available which we would like to use in the drilling of this well, so your prompt attention in this matter would be very much appreciated.

Very truly yours,

DOYLE HARTMAN

Larry A. Nermyr Engineer

Approved this 22nd	day o	f March,	1982.
Getty Oil Company			
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Dalport Oil Corporation	:		• •
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G. R. Smith, Director - Reservoir Engineering

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Munn-Harrison B NSPU

P11 1964404

☆GPO: 1979-298-848

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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

IL CONSERVATION DIVISION P. O. Box 2088 SANTA FE, NEW MEXICO 87501

:	ADMINISTRATIVE	ORDER
	NFL 5	

INFILL DRILLING FINDINGS PURSUANT TO SECTION 271.305(b) OF THE FEDERAL ENERGY REGULATORY COMMISSION REGULATIONS, NATURAL GAS POLICY ACT OF 1978 AND OIL CONSERVATION DIVISION ORDER NO. R-6013-A

well walle and No. Journ - Farrison B Well No
Location: Unit C Sec. 7 Twp. 255 Rng. 37 E Cty. Lea
THE DIVISION FINDS:
(1) That Section 271.305(b) of the Federal Energy Regulatory Commission Regulations promulgated pursuant to the Natural Gas Policy Act of 1978 provides that, in order for an infill well to qualify as a new onshore production well under Section 103 of said Act, the Division must find that the infill well is necessary to effectively and efficiently drain a portion of the reservoir covered by the proration unit which cannot be so drained by any existing well within that unit.
(2) That by Order No. R-6013-A, dated February 8, 1980, the Division established an administrative procedure whereby the Division Director and the Division Examiners are empowered to act for the Division and find that an infill well is necessary.
(3) That the well for which a finding is sought is completed in the Jalmat
Pool, and the standard spacing unit in said pool is 640 acres
(4) That a $\frac{80}{100}$ -acre proration unit comprising the $\frac{E/2}{1000} \frac{NW/4}{1000}$
of Sec. 7, Twp. 255, Rng. 37E, is currently dedicated to the Today Office of Said Section.
(5) That this proration unit is () standard (X) nonstandard; if nonstandard, said unit was previous
approved by Order No. NSP-1304(1).
(6) That said proration unit is not being effectively and efficiently drained by the existing well(s) on the unit.
(7) That the drilling and completion of the well for which a finding is sought should result in
the production of an additional 346,000 MCF of gas from the proration unit which would not otherwise be recovered.
(8) That all the requirements of Order No. R-6013-A have been complied with, and that the well for which a finding is sought is necessary to effectively and efficiently drain a portion of the reservoir covered by said proration unit which cannot be so drained by any existing well within the unit.
(9) That in order to permit effective and efficient drainage of said proration unit, the subject application should be approved.
IT IS THEREFORE ORDERED:
(1) That the applicant is hereby authorized to drill the well described in Section I above as an infill well on the existing proration unit described in Section II(4) above. The authorization for infill drilling granted by this order is necessary to permit the drainage of a portion of the reservoir covered by said proration unit which cannot be effectively and efficiently drained by any existing well thereon.
(2) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.
DONE at Santa Fe, New Mexico, on this day of, 19
OCD-HOODS DIVISION DIRECTOR EXAMINER
OCD-Hobbs DIVISION DIRECTOR EXAMINER Minerals Marag Hobbs