STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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

ADMIN	ISTRATIVE	ORDER	₹
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NET.	33	. !	

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

					•
	oyle Hartman	Well Name and No.	B. M. Jus	stis No. 10	
Bottom-Hole Location: Unit	H Sec. 19 Twp.	25-S Rng. 37-E	Ctv Lea	County	
This	well was directionally	drilled, surface lo	ocation is Un	it E, Sec. 20	, T-25-S
	-E, Lea County.				•
THE DIVISION FIR				•	
pursuant to the as a new onshore	on 271.305(b) of the Fede Natural Gas Policy Act of e production well under S	of 1978 provides that, Section 103 of said Ac	in order for the contract in t	an infill well n must find th	to qualify
by the proration	necessary to effectively n unit which cannot be so	and efficiently drain o drained by any exist	i a portion of cing well within	n that unit.	covered
procedure wherel	der No. R-6013-A, dated I by the Division Director nd that an infill well is	and the Division Exam	Division estab niners are empo	lished an admi wered to act f	nistrative or the
(3) That the we	ell for which a finding i	is sought is completed	in the Jalm	at (Gas) Pool	
	Pool, and the standard sp	pacing unit in said po	ool is640		acres.
(4) That a	80 -acre prore	ation unit comprising	the E/2	NE/2	
of Sec19	, Twp. 25-S , Rng.	37-E , is curren	tly dedicated	to the B. M.	Justis
No. 1	located :	in Unit H of	said section.	L 3	
(5) That this paperoved by Orde	proration unit is () start No. $R-6821$	andard (X) nonstandard	l; if nonstanda	rd, said unit	was previou
(6) That said pwell(s) on the u	proration unit is not be	ing effectively and ef	ficiently drai	ned by the exi	sting
(7) That the dr	rilling and completion of	f the well for which a	finding is so	ught should re	sult in
the production o	of an additional 95,50 covered.	00 MCF of gas f	rom the prorat	ion unit which	would not
for which a find	ne requirements of Order ling is sought is necessa ed by said proration unit	ary to effectively and	l efficiently d	rain a portion	of the
(9) That in ord application show	der to permit effective and be approved.	and efficient drainage	of said prora	tion unit, the	subject
IT IS THEREFORE	ORDERED:				
infill well on to for infill drill	oplicant is hereby author the existing proration ur ling granted by this orde ed by said proration unit ll thereon.	nit described in Secti er is necessary to per	on II(4) above mit the draina	. The authori ge of a portio	zation n of the
(2) That juriso Division may dee	diction of this cause is mecessary.	retained for the entr	y of such furt	her orders as	the
DONE at Santa Fe	e, New Mexico, on this	30th day of Decem	mber	19 <u>81</u>	
		med	James		
		DIVISION DIRECTOR	EXAMI	NER	
** Order N	No. R-6821 approved for	directionally drill	ling, annon-s	andard prorat	tion unit,

an unorthodox location, and simultaneous dedication for the B. M. Justis No. 10.

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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

ADMIN	IST	RATIVE	ORD	ĖR
NFL	٠.	33	• ;	

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 Doyal Hartman	Well N	ame and No. BMJ	45t15 /	Vo. 10	
Hom-Hole Unit H Sec. 19 T	wp. 25-5 Rng	. 37E Cty	Lea	1 .	
II. This welling directionaly doille	d, sorface location	is Unit E, Sec.	20, T-25	-S, A-37E,	Lea Count
THE DIVISION FINDS:					
(1) That Section 271.305(b) of the pursuant to the Natural Gas Policy as a new onshore production well usinfill well is necessary to effect by the proration unit which cannot	Act of 1978 pro- inder Section 103 ively and efficion	vides that, in or of said Act, the ently drain a por	rder for an E Division rtion of th	infill well must find that he reservoir o	to qualify
(2) That by Order No. R-6013-A, d procedure whereby the Division Dir Division and find that an infill w	ector and the Divell is necessary	vision Examiners	are empowe	ered to act fo	or the
(3) That the well for which a fin)
Pool, and the stand					acres.
• • • • • • • • • • • • • • • • • • • •	proration unit				
of Sec. 19, Twp. 25-5		A	1	the	305715
	ated in Unit			1	
(5) That this proration unit is (approved by Order No. $R-6821$		nonstandard; if i	nonstandard	, said unit w	as previou
(6) That said proration unit is n well(s) on the unit.	ot being effective	vely and efficien	ntly draine	ed by the exis	ting
(7) That the drilling and complet	ion of the well:	for which a find:	ing is soug	tht should res	ult in
the production of an additionalotherwise be recovered.	95,500 M	OF of gas from the	ne proratio	on unit which	would not
(8) That all the requirements of for which a finding is sought is n reservoir covered by said proratiounit.	ecessary to effec	ctively and effic	ciently dra	in a portion	of the
(9) That in order to permit effect application should be approved.	tive and efficien	nt drainage of sa	aid prorati	ion unit, the	subject
IT IS THEREFORE ORDERED:					
(1) That the applicant is hereby infill well on the existing prorat for infill drilling granted by thi reservoir covered by said prorationany existing well thereon.	ion unit describe s order is neces	ed in Section II sary to permit the	(4) above. ne drainage	The authorize of a portion	ation of the
(2) That jurisdiction of this cau Division may deem necessary.	se is retained for	or the entry of a	such furthe	er orders as t	he
DONE at Santa Fe, New Mexico, on t	hisday	of) <u> </u>	
				et uk Ar	
		ON DIRECTOR	EXAMIN	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
* Order No. R-6821 ass	housed for dere	strongl drill	in, a n	on-standa.	-4
proration unit, an unorth					
the B.M. Justis No.					

WILLIAM P. AYCOCK & ASSOCIATES, INC.

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

December 14, 1981

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 Justis No. 10 Well, Section 19. Twp. 255, Range 37E

1935' FNL & 439' FEL (Bottom UnitH Hole Location), Jalmat Pool, Lea County, New Mexico

Gentlemen:

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

Rule 5: Attached are copies of the Forms C-101 and C-102, as approved by the Hobbs District

Rule 6: The name of the pool in which the infill well has been drilled is the Jalmat Pool, and the standard spacing unit therefor is 640 acres.

Rule 7: The Division Order approving the nonstandard proration unit is R-6821, a copy of which is attached hereto.

DEC 22 1981 DEC 22 1981 DEC SANTA FE

See attached Table No. 1, "Summary of Required Information, Rule 8, Exhibit "A", Order R-6013-A" for "a." through "f.". Also required for Section g. is "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." As of August 31, 1981 (the latest date for which production data are available), the pre-existing Doyle Hartman B. M. Justis No. 1 (Bettis, Boyle & Stovall B. M. Justis "A" No. 1) had produced an accumulative gas

New Mexico Department of Energy and Minerals December 14, 1981 Page 2

> Volume of 8201.9 MMCF Experience with costs of operation in the Jalmat Pool indicates that economic limits of production are approximately 500 MCF/month, so this well is producing at about 22 percent of the experience economic limit; accordingly, the pre-existing well has no economic gas reserves remaining to be produced. If this well were produced to an unrealistically and uneconomical zero rate economic limit of production from August 31, 1981, the estimated remaining reserves would be only 4.4 MMCF. Therefore, any gas reserves remaining in the Jalmat Pool reservoirs beneath the 40-acre proration unit assigned to this well would ostensibly not have been produced unless the infill well Doyle Hartman B. M. Justis No. 10 had been drilled. The B. M. Justis No. 10 has an 80-acre Jalmat proration unit assigned to it, consisting of the simultaneously dedicated SE/4, NE/4 Section 19, Twp. 25S, Range 37E (originally assigned to the Doyle Hartman B. M. Justis No. 1) and the previously undedicated NE/4, NE/4 Section 19, Twp. 25 S, Range 37E.

Ru1e 9:

- Sec. a. Requires that a formation structure map be submitted; attached is such a map, originally submitted as an exhibit in Case 7408, on November 4, 1981.
- Sec. b. Requires that the "volume of increased ultimate recovery expected to be obtained and a narrative describing how the increase was determined" The estimated ultimate gas be submitted. recovery expected for the Doyle Hartman B. M. Justis No. 10 is approximately 96 MMCF. increased ultimate recovery is then the difference in this estimated ultimate recovery and the remaining recovery for the B. M. Justis Since, as has been previously discussed in reply to the requirements of Rule 8.g., there are no remaining economical reserves for the B. M. Justis No. 1, all of the 96 MMCF constitute increased recovery. The estimate of ultimate gas recovery for the Hartman B. M. Justis No. 10 was accomplished as follows:

New Mexico Department of Energy and Minerals December 14, 1981 Page 3

Previolent 2258 Market

(1) Well logs for the B. M. Justis No. 10 were analyzed, resulting in the following:

Mean Porosity, Fcn. of Bulk Vol. 0.157 = 0

1 Mean Connate Water Saturation. Fcn of Net Effective Pore Volume 0.451 = Sw

3 Net Effective Pay Thickness, Ft. 39.

Since the gross pay thickness constituting potential gas reservoir for the B. M. Justis No. 10 is 73 feet, the above represents a net effective pay to gross pay ratio of approximately 53 percent.

(2) The production tests for the B. M. Justis No. 10 performed on December 8-10, 1981, were analyzed, resulting in the following:

Stabilized Deliverability Coefficient, MCF/day per psia2 0.009760

s Initial Stabilized Wellhead Shut-in Pressure (Pc), psia

168.2

VInitial Gas Formation Volume Factor scf/rcf

11.43

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

Original Gas-in-Place MMCF/acre MMCF/Acre MMCF/80 Acres

1.674 = 43560 (3) (0) (1+@)(6) 133.9 x80

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

0.713 externates

Estimated Ultimate Gas Recovery, MMCF per 80 Acres

95.5 = Origal Gas -in-place, MMCF/80 Arm x F3) = 133,9 x . 713

Sec. c. Other supporting data submitted include the following, some of which were incorporated into exhibits which were presented on November 4, 1981. Case 7408:

Cross-Sections A-A', B-B' and C-C'.

Tabulation of Pertinent Well Information

Gas Production History Tabulation and Graph for Doyle Hartman B. M. Justis No. 1 (the pre-existing well)

New Mexico Department of Energy and Minerals December 14, 1981 Page 4

> Complete N.M.O.C.D. Forms on file for both the Pre-existing Hartman B. M. Justis No. 1 and the Infill Hartman B. M. Justis No. 10

Eastman Whipstock Report of Subsurface Directional Survey, Hartman B. M. Justis No. 10

New Mexico Oil Conservation Division Order No. R-6821

We believe that the above adequately documents this request and has been prepared in accordance with Exhibit "A", Order R-6013-A; however, we should be pleased to supply anything else which you might require in this connection.

Very truly yours,

Wm. P. Aycock, P.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

SECTION OF RULE 8	RULE 8 REQUIREMENT	PRE-EXISTING WELL DOYLE HARTMAN B. M. JUSTIS NO. 1	INFILL WELL DOYLE HARTMAN B. M. JUSTIS NO. 10
a.	Lease Name and Well Location	B. M. Justis 19(H)-25S-37E (1980' FNL & 660' FEL)	B. M. Justis 19(H)-25S-37E Bottom Hole Location (1935' FNL & 439' FEL) Surface Location (1940' FNL & 120' FWL)
b •	Spud Date	March 5, 1931	November 20, 1981
D.		June 2, 1931	November 30, 1981
c.	Completion Date Mechanical Problems	None-of-Record	Nothing Beyond Routine for a Deviated Well
d.	Mecuanical Flooreme	ارد. در در د	12-11-81:196-MCF/day
e.	Current Rate of Production	August 1981 Mean: 3.6 MCF/day and no oil	
f.	Date of Plug and Abandonment	Still Producing: Jalmat (Oil)	New Well: Jalmat (Gas)

STATE OF NEW MEX O ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTEP OF THE HEARING CALLED BY THE CIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

CASE No. 7408 Order No. R-6821

APPLICATION OF DOYLE HARTMAN FOP DIRECTIONAL DRILLING, A NON-STANDARD PRORATION UNIT, AN UNORTHODOX LOCATION AND SIMULTANEOUS DEDICATION, LEA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on November 4, 1981, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 13th day of November, 1981, the Division Director, 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 Division has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Doyle Hartman, seeks authority to directionally drill his Justis Well No. 10, the surface location of which is 1940 feet from the North line and 120 feet from the West line of Section 20, Township 25 South, Range 37 East, in such a manner as to bottom said well in the Jalmat Gas Pool at an unorthodox location within 100 feet of a point 1989 feet from the North line and 440 feet from the East line of Section 19, Township 25 South, Range 37 East.
- (3) That a well at said unorthodox location will better enable applicant to produce the gas underlying the proration unit.
- (4) That no offset operator objected to the proposed unorthodox location.
- (5) That the applicant further proposes to simultaneously dedicate said well and the Bettis, Boyle and Stovall Justis Well

- No. 1 to an 80-acre non-standard proration unit comprising the E/2 NE/4 of said Section 19.
- (6) That the applicant should be required to determine the subsurface location of the bottom of the hole by means of a continuous multi-shot directional survey conducted subsequent to said directional drilling, if said well is to be completed as a producing well.
- (7) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the gas in the subject pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.
 - (8) That the application should be approved.

IT IS THEREFORE ORDERED:

- (1) That the applicant, Doyle Hartman, is hereby authorized to directionally drill his Justis Well No. 10, the surface location of which is 1940 feet from the North line and 120 feet from the West line of Section 20. Township 25 South Range 37 East, in such a manner as to bottom said well in the Jalmat Cas Pool at an unorthodox location within 100 feet of a point 1989 feet from the North line and 440 feet from the East line of Section 19, Township 25 South, Range 37 East.
- (2) That approval is hereby given to simultaneously dedicate said well and the Bettis, Boyle and Stovall Justis Well No. 1 to an 80-acre non-standard proration unit comprising the E/2 NF/4 of said Section 19.

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

(3) That Form C-105 shall be filed in accordance with Division Rule 1105 and the operator shall indicate thereon true vertical depth in addition to measured depths, and the bottom hole location of the well.

(4) 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 the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION RIVISION

JOE D. RAMEY, Director

S E A L

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U.S.G.S.				1	ATE FOR X	
LAND OFFICE		·		5. Sto	te Oil & Gas Lease No.	
OPERATOR		~		777	THINK THINK	
APPLICATIO	N FOR PERMIT TO	DRILL, DEEPEN, C	OR PLUG BACK			
ra, Type of Work					It Agreement Name	
b. Type of Well DRILL [X]	:	DEEPEN [PLUG B	ACK 8 1 in	m or Lease Dirig	
OIL GAS WELL X	O HER		INGLE KIULT	ONE L. D.	M. Justis	
Doyle Hartman	1			9. Wel	10	
C. Address of Operator		70700		. 1	ield and Poot, or William	 :
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	West		- 25S 37E	177777		
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				Yates	Rotary	
3067.5 G.L.		well approved	P. Prilling Contractor Kenai	22	Apprex. Date Work will also November 1981	rint -
1.2.		ROPOSED CASING AND			<u> </u>	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF GEM	ENT EST. TOP	
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8 3/4	7	23.00	3200 TVD	600	Surface	<u> </u>
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We propose to dri 440' FEL of Secti	ll an infill Ja ion 19 T-25-S	lmat (Yates) we	ell with the bot	tom hole loc	cation 1989' ENL	and
We propose to loc						63.
R-37-E and deviat						
R-37-E at a true vertical depth ar						rue A
directional surve	ey of the entire	well bore will	be made when t	otal depth	is reached. A	. i.
hearing was held surface pipe thro						
3000-psi double r		, or produced	out ing, one wer		10.PPO0 o u .	
NOTE: (1) Any ga	as produced from	the proposed w	uell has previou	sly been de	dicated to El Pa	50
Natura	al Gas Company.					,
(2) The proof the	roposed well wil e F/2 NF/4 of Se	l be the second	well on the ex	isting prore	ation unit consi h the B.M. Justi	sting
ABOVE SPACE DESCRIBE PRIVE THE STATE OF THE SPACE DESCRIBE PRIVENT	ROPOSED PROGRAMMER	PROPOSAL IS TO DEEPEN OR	PLUG BACK, GIVE MATA ON	PRESENT PRODUCTIV	TE ZONE AND PROPOSED NEW	rnonut
hereby certify that the informati						<u> </u>
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MELL LOCATION AND ACREAGE DEDICATION PLAT

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

<u> Ronald J. Eideon 3239</u>

All distances must be from the outer boundaries of the Section Doyle Hartman 10 B.M. Justis Section 25 South 37 East Lea Actual Particle Location of Well: 1940 120 North West feet from the line and leet from the fircund | gvel Flev. Producing Formation Contrate t Actemas 3067.5 Jalmat (Gas) Yates-Seven Rivers 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below, See Attached C-102 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. Il 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. (I'se reverse side of 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 I hereby certify that the information c tained herein is true and complete to best of my knowledge and belief. HARTMAN DOYLE 120 I heraby certify that the well location OCT 2 3 1981 Date Surveyed Oct. 20, 1981

WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section.

Operator		!	I.er	154	<u>·</u>			Well No.	
Doyle Hart				B. M. Justis	·			10	<u> </u>
Unit Letter	Section	Township	•	Hemero	County				
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sion. *	Bottom h	ole locati	on at 3200	feet TVD.					
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P O Box		Midla	nd Towas			•	5. well 155.		
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gair creen _	<u>E</u>	1940		North	120		Jalmat (G	as)	
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Spudded we	11 at	6:15 p	.m. 11-20-81	l. Drilled	well to a to	tal denth of	F 616' C	irculated	
hole and p	oulled	drill 3	stri ng. Rar	n 15 joints	of 10 3/4" Of	0.40.51b/6	Et. J-55.	ST&C casi	กุย
and landed and 1/4 lb	at 61 /sx fl	4'. Co oseal	emented casi followed by	ing with 300 300 sx of A	O sx of API C API Class ceme	lass C cemer	nt contain	ing 4% ge	1
1/4 lb/sx	flosea	l. Plu	ug down at 🤅	3:40 a.m. CS	ST 11-22-81.	Circulated	190 sx of	éxcess	
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7 J. 1.1.			Saltaran Arest Land
		• •	S. State Oil & Gas Lease Ho.
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(1) - 1/2 (1) -	POTICES AND REPORTS OF	A WELLS	
	į.	er e	- Unit Agreement there
Fig. 6 (Contribution	, OTHER-		
Doyle Hartman			B. M. Justis
Additions of the outer			. Well No.
P. O. Box 10426, Mid1	and, Texas 79702		10 i toi I an I Frod, or Millord
	North North	120	Jalmat (Gas)
•		46	
West the Constitution of t	,20 258	naver 37E	
	The stand of the whole	er DF, SF, GR, etc.)	la anty
	3067.5 G.L.		Lea
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NOTICE OF IN	FENTION TO:	SUBSEQUE	HERTORT OF:
TERRAL PRINCETTY, WORLS	Ph.05 NO NAMED [HEMIOIAL WORK	Attantes ca les
THORES TAXBOUT	· · · · · · · · · · · · · · · · · · ·	COMMENCE DESCRIBE OFFIE	PLOG AND ATAMO SHOPE
LL ON ALTER CANNO []	ENNAME TRANS	X 601 THEMES OF A TEST OFFICE	
отнтя'			
Decoded to and or completed Ope	rations (Clearly state all pertment de	etails, and give pertinent dates, include	ing estimated date of stating any pro
work) SOE ROLL 1103.	; •		
casing and landed at taining 3% Econolite Class-C cement and Po	3273' RKB. Cemented c and 1/4 lb/sx floseal ozmix "A" containing 18 D1-81. Circulated 45 s	s (3274') of 7" OD, 23 l asing with 300 sx of API followed by 250 sx of a % salt and 1/4 lb/sx flo x of excess cement to pi	Class-C cement con- 50-50 blend of API oseal. Plug down
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•	1		11
I hereby certify that the information a	bove is true and complete to the bas	t of my knowledge and belief.	11
		•	DEC 9 1981
Thereby certify that the Information a		Administrative Assistant	DEC 9 1981 12-02-81
/Thechele Norn		•	
Orig. Signed by, Les Clements		•	
Orig. Signed by Les Clements Sill & Con Line		•	
Orig. Signed by,		•	

HO. OF COPIES RECEIVED					FERE
DESCRIPTION SARTA FE			POR ALLOWABLE		Old C-101 and C-1
U.S.G.S.		TO TRA	- AND HSPORT OIL AND NATURAL	Diffective 1-	1-65
LAND OFFICE			and the old him in the old him		
TRANSPORTER GAS	! !				
PRODATION OFFICE					1. 1. 10
Doyle Hartman					
P. 0. Box 10426	Midland, Texas 79	702			
Reason(s) Ter liling (Check proper bo	x)		Other (Ptrase explain)		
Hecompletion	Change in Transporter of	i Dry Ga	,		
Change in Ownership	Cuntinghead Gas ["]	Cenden	sate .		
If change of ownership give name and address of previous owner		· · · · · · · · · · · · · · · · · · ·			
DESCRIPTION OF WELL AND	LEASE Well No.; Puel Name, Inc	luaina Fe	ormation Kind of Lea	150	
B. M. Justis	10 Jalmat	(Gas)	State, Fede	ral cr Fee Fee	Leane Ho.
			FEL, Section 19, T-25		
		Lin	and 120 Feet From		
Line of Section 20 To	ownship 25S Ro	inge	37Е , ммрм,	L	ea County
DESIGNATION OF THANSPOR		RAL GA	S Addiess (Give address to which appr	royed copy of this form i	
		÷	a a		1
El Paso Natural Gas		ίXX	P. O. Box 1384 Jal,		11.
If well produces oil or liquida,		P.ge.	Is gas actually connected? W	ihen	32
give location of tanks. If this production is commingled w	(th that from any other lease	or nool	No !	12-11-81	
COMPLETION DATA		3 Well	New Well Workover Deepen	Plug Back Same H	les'v. Dijl. Res'v
Designate Type of Completi	on – (X)	ХХ	XX		
Date Spudded 11-20-81	Date Compl. Ready to Pred.		Tetal Dopth 3273 (3203.1 TVD)	р.в.т.в. 3262 (3192	.2 TVD)
Elevatives (DF, RKB, RT, GR, etc.) 3067.5 GL	Name of Froducing Formation Yates	 .	Tep Cdl/Gas Pay 2802 (2739.9 TVD)	Tubing Depth	
Perforations	. 		2002 (2733.3 140)	Depth Cosing Shoe	3 140)
2802-2901 (2739.9-2		IG AND	CEMENTING RECORD	3273 RKB (3203.1 TVD)
HOLE SIZE	CASING & TUBING SI		DEPTH SET	SACKS CI	
14 3/4 8 3/4	10.3/4		614 (614 TVD) 3273 (3203.1 TVD)	600 (cir 550 (cir	
TEST BY TA AND REQUEST F	OR ALLOWABLE (Test m	ust be afi	ler recovery of total volume of load of	l and must be equal to c	r execution aliqu
Olf, WELL. Gate First New Oil Run To Tanks			orth or be for full 24 hours) Freducing Method (Flow, pump, gas		
Length of Test	Tubing Pressure		Casing Pressure	Choke Size	
Actual Pred, During Toot	Oil-Bblo.		Water-Bble.	Gae+MCF	
	<u></u>				1.
GAS WELL Actual Field, Test-MCF/D	Length of Test		Bbls. Condensate/AMCF	Gravity of Condense	:•
106 Testing Highest (pitot, back pr.)	24 hours Tubing Pressure (Rhou-1u)		Casing Francus (Shut-In)	Choke Size	
Orifice Tester	Supplied to seasons (NVMC=111)		FCP = 70 psi	16/64	
CERTHICATE OF COMPLIAN	ICE		OIL CONSERV	ATION COMMISSION	ИС
I hereby cortify that the rules and			APPROVED		. 19
Commission have been compiled above is true and complete to the			DY		
		<u> </u>	TITLE	·	
P 12			Thin form in to be filed in		
Harry Ch. Therman	nu(ure)		If this is a request for allewell, this form must be recomp	ended by a tuberbutten	of the govieti
Engine			Attacettons of the well in second	met he filled out cons	
December 8	(de) , 1981		rble on noveral reconstituty Fift out only Earthout L	11 My end VI for ch	e a deservice.
11	lote)	-	well name or number, or transpo	nten or other such the	nge of Gondliton.

DISTRIBUTION SARTA FE NEW MEXICO ON, CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG LAND OFFICE OPÉRATOR DITTURE OF WELL STATE OF COMPLETION WILL STATE OF COMPLETION OTHER STATE	Form C-105 Invited Note Type of Lerse State [] For [X] Fitt Agreement Date B. M. Justis Vell No.
Doyle Hartman P. O. Box 10426 Midland, Texas 79702	10 Light and Lock of Wildest Jalmat (Gas)
Section 19, T-25-S, R-37-E. E 1940 FET FROM THE North LIGHT 120	
West 190, or 20 100, 25S 37E 15, 1 100, 1 10	3068
70, 70 feld Lep th	7 Tepts Cable Tools
2802-2901 (2739.9-2835.9) w/17 (Yates) Note: (True vertical depth)	Yes
CDL-DSN-GR and Guard Forxo	No
CASING SIZE	None None
server a communication of the same of the	LUBITY RECCYD
2 3/8 3150	(3081.3) PACKER PET
2825(2762.1), 2829(2765.9), 2833(2769.8), TERTH PITERVAL AMON	CEMENT SQUEEZE, ETC.
PRODUCTION (but of first control of the state of the sta	Shut-in
12-8-81: 24 16/64 200 106 100 100 100 100 100 100 100 100 100	4 Cdl Grivity Ald (Core.)
	arold Swain
35. List of Attachments None	
so, I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowled	fee and bettef.
SIGNED Lawy C. Manny TITLE Engineer	DATE 12-8-81

eantel #Ão HOΩ2 . ≥ . . .

This form in to be filed with the exprepatate District effice of the Commission not later from 20 days after the empletion of any newly-diffied or average will. It shall be accompanied by one copy of all observed and reflected the summary of all special trades considered, including difficulties. All depths reported that the measured depths in the case of directionally difficulties wells, true vertical depths shall also be reported. For saidific gauge because it then the first trade of the state of the state

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

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B. Salt			8) T. Aloka									:1. 1
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TABULATION OF PERTINENT WELL INFORMATION

VICINITY OF DOYLE HARTMAN'S PROPOSED JUSTIS NO. 10

LOCATED IN SECTION 19(H)-25-37, JALMAT (TANSILL-YATES-SEVEN RIVERS) POOL LEA COUNTY, NEW MEXICO

OPERATOR	Bettis, Boyle & Stovall			Le	wis B. Burles	on			Conoco	Doyle Hartman		Sun Texas Co.				
WELL NAME & NUMBER	Eates #1	Bates #2	Exxon Bates #1	Coll. A #1	Gutman #1	Leonard #1	Leonard #2	Saunders #1	Saunders #2	Sholes B #1	Bates BBGS #1	Bates #3	Winningham #1	Winningham #2	Winningham #3	Winningham #7
LOCATION OF WELL	··· 20(L)-25-37	29(D)-25-37	29 (C) -25-37	29(G)-25-37	29(1)-25-37	20(P)-25-37	20(1)-25-37	28(E)-25-37	28(F)-25-37	19(N)-25-37	- 29(E)-25-37	20(M)-25-37	30(C)-25-37	19(P)-25-37	30(I)-25-37	30(H)-25-37
DISTANCE AND DIRECTION FROM APPLICATION	1750' SSE	4300' SSE	4650' SSE	6600' SE	8625' SE	5700' ESE	5100' ESE	8350' SE	9000' SE	4200' SSW	5550' S	2550' SE	5250' SW	2900' S	5200' Ś	4100' S
COMPLETION INTERVAL	2616-2865	2574 - 2740	2474-2994	2558-2564*	2532-2552*	2707-2757*	2935-3325	2263-2463*	2215-2230*	2662-2945	2692-2762	2773-3337	2675-2889	2648-2841	2730-3022	2711-2816*
COMPLETION DATE	9-11-36	1-22-52	9-18-78	7-30-73	3-29-73	9-20-76	2-10-38	7-10-69	10-20-76	3-22-41	2-06-80	9-12-81	7-25-49	12-06-49		3-01-75
INITIAL CAOF, MCF/DAY	25,500	1,346	10	396	1,102	423	1,630	13,800	1,738	12,000	103	101	2,130	4,060	1,400	N/A
CUM. PRODUCTION & 6-1-81 LIQUIDS, BBL. GAS, MMCF	-0- 5,935	-0- 1,268	- 0 - - 0 -	-0- 2	-0- 381	-0- 80	35 3,225	-0- 3,081	-0- 433	-0- 6,248	-0- 146	-0- -0-	-0- 1,852	-0- 1,910	-0- 1,637	-0 S
VOLUMETRIC ANALYSIS: MEAN EFF. POR., % BULK VOL. MEAN CON. WTR. STN., % NEPS NET EFFECTIVE PAY, FEET OGIP MMCF/ACRE		· :	0.086 0.380 70 11.1	0.228 0.211 24 12.8	0.191 0.235 21 9.09	0.138 0.287 60 17.46	0.216 0.217 89 44.50	- - - -	- - - - -	·	0.106 0.327 38 1.95	0.188 0.390 48 2.81	0.258 0.200 34 20.7	0.308 0.176 71 53.3	0.183 0.241 130 53.4	0.232 0.208 82 44.6
ESTIMATED OGIP, MMCF	6,336	• •	-	5	539	96	4,319	9,119	-	6,350	820	207	1,876	2,238		143
EUR: LIQUIDS, BBL. GAS, MMCF	-0- 5,937	-0- 1,268	- 0 - - 0 -	-0- 2	-0- 497	-0- 85	85 3,225	-0- 3,081	- 0 - 730	-0- 6,248	-0- 625	-0- 180	-0- 1,852	-0- 1,913	-0- 1,637	0- . 5
EST. ULTIMATE RECOVERY FACTOR	0.94	-	-	0.40	0.92	0.89	0.75	0.34	•	0.98	0.76	0.87	0.98	0.85	-	0.03
EST. EFFECT. DRAINAGE AREA, AC	RES -	- · ·.		1 .	59	6	. 97	-		.•	420	73.5	91	. 42		3
SIWHP, PSIA (1980)	136.2	-	-	37.2	, . -	62.2	31.2	-	Exempt	172.2	-	-		121.2		- .
ORIGINAL SIWHP	· 		432	43.2		1,113.2		813.2	· •	<u>.</u>	193.2	173.2		1,263.2	<u> </u>	288.2
CURRENT WELL STATUS	Prod. Gas Only Carried Under	TA 5-69	Never Prod. Commercially	Non- Commercial	Gas Producer	Gas Producer	Non- Commercial	Last Prod.	Gas Producer	Last Prod.	Gas Producer	Gas Producer	Last Prod.	Gas Producer	Last Prod.	Last Prod.

*Recompletion to Jalmat

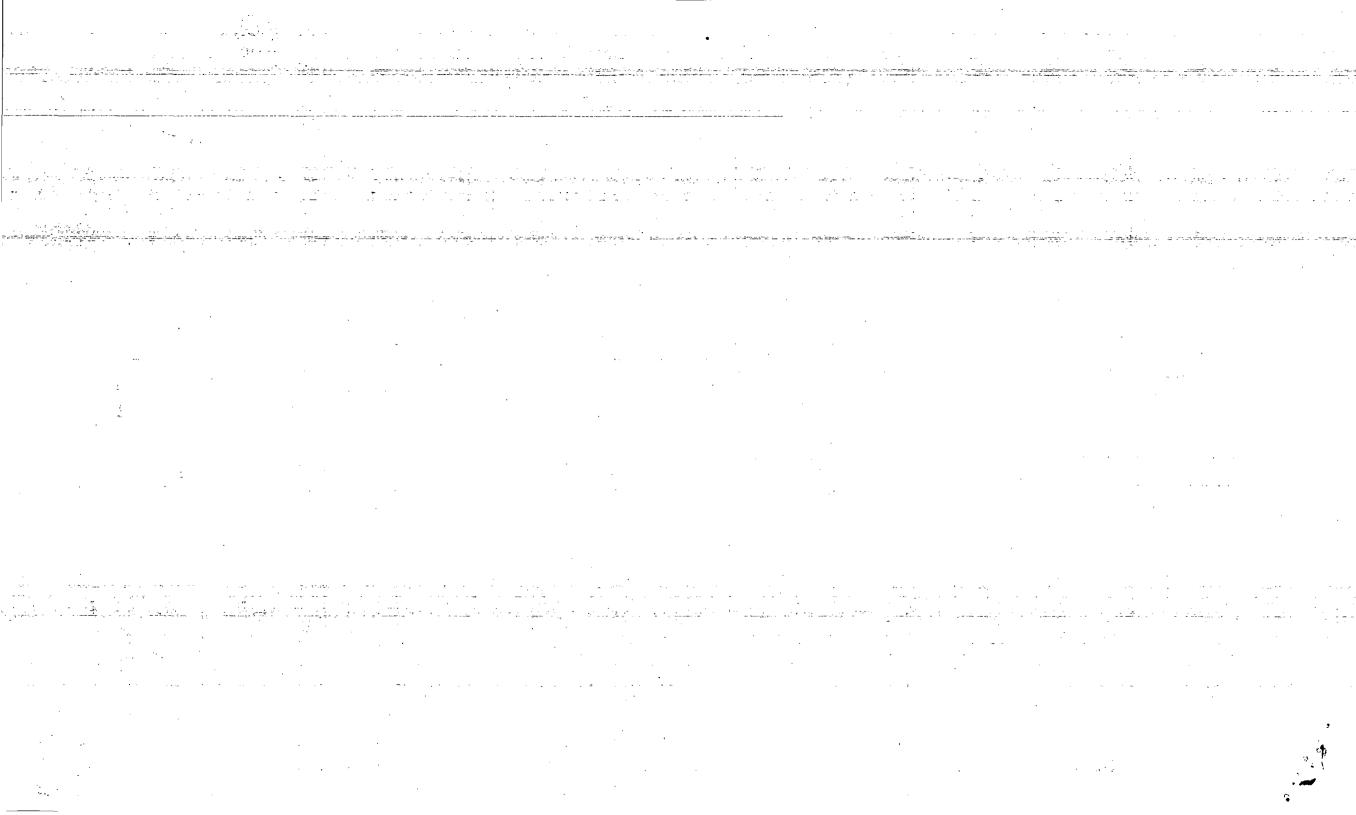
GAS PRODUCTION HISTORY

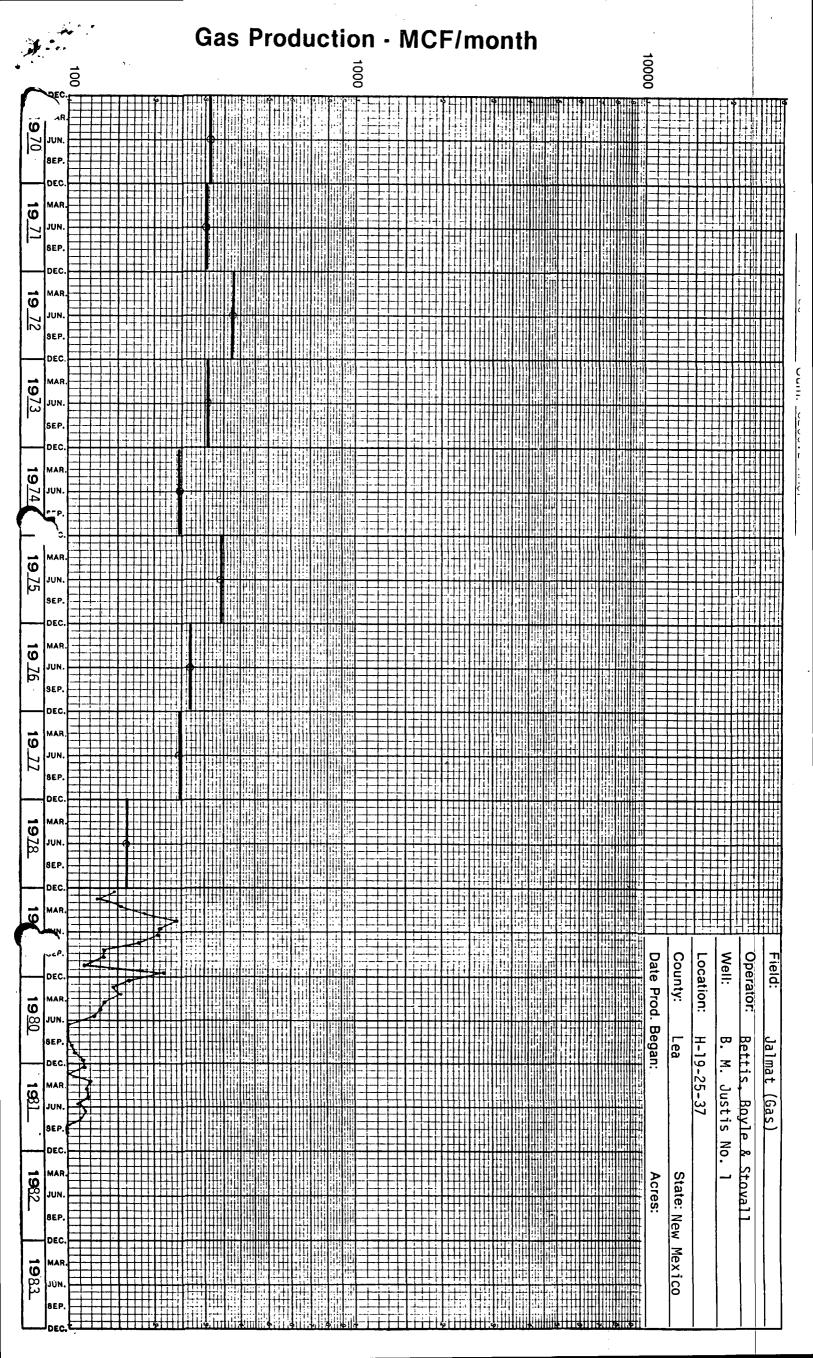
		Rottic	Boyle & Stova	11				1
Operator: .			stis No. 1					<u>:</u>
		H-19-25-						- 1
Location: .		11-19-25-						; ;;
•								· · · · · · · · · · · · · · · · · · ·
Pool:		Jalmat (Gas)		·····			<u>:</u>
	•		Ori	ginal Completic	on Date:			1
	-	as):						
			·	First Prod	luction (Gas):			1,1
Remarks:	· · · · · · · · · · · · · · · · · · ·	Converte	d to Jalmat (0i1) in 1975	· · · · · · · · · · · · · · · · · · ·			
		1						
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		i i						ii u
<u>~</u>	No. of	Annual Gas Production	Avg. Gas Rate	Cum. Gas Production	Annual SIP			į
Year	Mos.	(MCF)	(MCF/mo.)	(MMCF)	(psia)	P/Z		
1980_	_12	1426	119	8201.1	N/A	N/A		1.
1979_	_12	2050	171	8199.7	N/A	N/A		- 1
1978_	_12	1925	160	8197.7	<u>N/A</u>	N/A	· <u></u>	
1977	_11	2694	245	8195.8	N/A	N/A		- 1
1976_	_12	3217	268	8193.1	N/A	N/A		<u>''</u>
1975		4093	341	8189.9	94.2	100		<u>. ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;</u>
1974	_12	2947	246	8185.8	98.2	105		
1973	_12	3700	308	8182.8	104.2	110		<u>:</u> :i
1972	_12	4494	374	8179.1	118.2	125		
1971	12	3606	300	8174.6	155.2	160		
1970	11	3417	311	8171.0	146.2	150		
1969	_12	4178	348	8167.6	145.2	150		
<u>1968</u>	12	5145	429	8163.4	143.2	150		
1967 1066	<u>12</u> 12	<u>5671</u> 5917	<u>473</u> 493	8158.3	162.2	170 275		* * * * * * * * * * * * * * * * * * * *
1966 1965	12	<u>5917</u>	1242	8152.6 8146.7	261.2 N/A	N/A		11
1964	12	<u> 14909</u> 29468	2456	8131.8	N/A	N/A	·	
1963	12	49208	4101	8102.3	N/A	N/A		113
1962	12	35466	2955	8053.1	N/A	N/A		11
1961	12	21053	1754	8017.6	242.2	255		-}
		į .						
	19 _79_	Detail Summary	•		19 80	Detail Sumn	nary	
Jan	147	July	206	Jan	164	July	91	
Feb	129	Aug	178	Feb	144	Aug	87	
March	154	Sept	133	March _	152	Sept	77	
April	185	Oct	133	April	134	Oct	103	
May	241	Nov	116	May	130	Nov	107	- 1
June	210	Dec	218	June	124	Dec	113	11

GAS PRODUCTION HISTORY

Date	7-23-01					Page	of
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Operator:			Boyle & Stova	11	······································		111
Well:						<u> </u>	
Location:		H-19-25-	-37				
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		· :					
Pool: _	·	Jalmat ((0il)	•	·		
Spud Date	e:		Ori	ginal Completi	on Date:		.!
Completi	on Interval (C	Gas):					
Completi	on Date (Gas):		First Prod	luction (Gas):		
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		; ;					
	No.	Annual Gas	Avg. Gas	Cum. Gas	Annual		
Year	of Mos.	Production (MCF)	Rate (MCF/mo.)	Production (MMCF)	SIP (psia)	P/Z	0.1
1981	<u> </u>	1066	107	8202.1	N/A	N/A	
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	_ `						
							
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					· 		9
		- <u> </u>		***************************************	· ·	-	
	40 01	D 4-11 0			40		
	19 <u>87</u>	Detail Summar	<i>)</i> 108			Detail Summary	1
Jan	113 82	July	111				
Feb		Aug	96				
March _	120	Sept	101	March _		Sept	
April	118	Oct	101	April		Oct	11
May	119	Nov	.	May		Nov	1
June	98	Dec	<u> </u>	June	_	Dec	
		1000	•			107 205 (
		1966 MCF		Avg. Rate	(Y-T-D)	107 MCF/mo.	- '
Days or Mo	nths (Y-T-D) _	10 mos.					.1
		* 1	H-1	9-25-37			.]





	- Victoria de la Companya del Companya de la Companya del Companya de la Companya	The state of the s		
	NEW CO OIL CO	NSERVATION COZ	NOT TON	•
	Santa F	e, New Mexico		
•	I LIGHT	3 4	RECEIV	
. (MISCELLANEOUS	REPORTS ON WEI		المالا
	Submit this penant in triplicate to the Oil Concernation	Commission on its manage	J	- Ω
	Submit this report in triplicate to the Oil Conservation specified is completed. It should be signed and sworn t	o before a notary publi	c for reports on begin	ning drilling
	specified is completed. It should be signed and sworn to operations, results of shooting well, results of test of caportant operations, even though the work was witnessed not be signed and sworn to before a notary publication.	ising shut-off, result of d by an agent of the Com	mission Researing an	d other im-
	need not be signed and sworn to before a notary pub of the Commission.	lic. See additional instr	uctions in the Rules and	in Hegottons
		eport by checking below:	The state of the s	
	REPORT ON BEGINNING DRILLING OPERATIONS	NEDONE ON DED		;
		REPORT ON REP.		
	REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL	REPORT ON PULL	LING OR OTHERWISE	
	REPORT ON RESULT OF TEST OF CASING SHUT-OFF	REPORT ON DEE	PENING WELL	
	REPORT ON RESULT OF PLUGGING OF WELL	Report of Si	utin Pressures	X
•	Roswell, N	lew Mexico	October 23,	1950
		Place	Date	}
	OIL CONSERVATION COMMISSION, Santa Fe, New Mexico.			
	Gentlemen:			
•	Following is a report on the work done and the results	obtained under the head	ling noted above at the	
	Toomand Odd Componer			
	Company or Operator	A. M. Justis Lease	Well No. 1	in the
		, _{T.} 25S	, _{R.} 37E	, N. M. P. M.,
	Langlie-Mattix Field, I	.ea		County.
	The dates of this work were as follows:	· · · · · · · · · · · · · · · · · · ·		
	Notice of intention to do the work was [was not] subm	itted on Form C-102 on_		19
	and approval of the proposed plan was [was not] obtain	ned. (Cross out incorrec	t words.)	
	DETAILED ACCOUNT OF WO	RK DONE AND RES	ULTS OBTAINED	
	Date	1me	Shutin	
	Well Taken S	Shutin	Pressure	
	70000	04.1	716 3 -4	1
	B.M. Justis #1 10-3-50	24 hrs	746.3 psia	
	•	•		
	to growing the growing states of the growing			
				',
	Data on other wells tied into high pre	ssure system will	be submitted at	a ·
	later date.			1
•	Witnessed by Name	Company		Title
				
	Subscribed and sworn to before me this 23rd		irm that the information	n given abave
		is true and correct.	- le 10	
	day of October , 19 50	Namo	nu DV	ua_
•		Position Vice-P	resident	
	Notary Public	Representing Leon	and Oil Company	•
	My Commission expires 2-26-53		Company or Operator	
	my commission expires.	Address P. O. Bo	x 872, Roswell, N	ew Mexico
	Remarks:		1)	· //
	APPROVED		16/00 bllatis	1. 11/1/6
				ushamer.
	Date OCT 24 1951			Title
			<u> </u>	

Old C-103								
	NEV	XICO		ERVATION CO				
JUPLI	71		Santa Fe, 1	New Mexico	S. Bri		MAY 15	1951
	YAIT	MISCELL	ANEOUS RI	EPORTS ON W	FLIS	on con	CEDVATION	o Casasa
	~ ~						ISERVATION	
Submit this repor	t in triplicate	to the Oil Co	nservation Co	mmission or its proj efore a notary pu	per agent v	tithin to	n daya an	ne del
operations, results	of shooting v	well, results of	f test of casin	g shut-off, result y an agent of the Co	of pluggi	מפי מל	well and	other
need not be signed of the Commission	ed and sworn	to before a	notary public.	See additional in	tructions	in the F	Rules and	Regulat
of the Commission	ш.	Indicate n	ature of repo	rt by checking belo	w:			
REPORT ON BEGI	NNING DRILL	ING OPERATIO	ons	REPORT ON R	EPAIRING	WELL	<u>;</u>]
REPORT ON RESULT TREATMENT OF		NG OR CHEMIC	CAL	REPORT ON PU	LLING OR	OTHER	WISE	
REPORT ON RESULT SHUT-OFF	LT OF TEST O	F CASING		REPORT ON DE	EPENING	WELL		- - -
REPORT ON RESU	LT OF PLUGGI	NG OF WELL		Report on	Shutin :	Pressu	re on G	as We
				Boswell, N			1 '	1951
OIL CONSERVAT	TION COMMIS	SION		Place			Date	
Santa Fe, New M			•	•		ŀ	1	
Gentlemen:							:	
Following is a rep	ort on the wo	ork done and	the results ob	tained under the be	ading note	d above	at the	
Leonard Oil Com	ompany ge	voll as	listed be	lou		_Well N	. <u>1</u>	in
com							-	
SETHE	,			T. 25 South				1. M. P.
					T .	മെ 🗀	<u>i</u>	Cou
	work were as i	follows: rk was [was	not] submitted	i on Form C-102 or			· · · · · · · · · · · · · · · · · · ·	19
The dates of this v Notice of intention and approval of th	work were as in to do the wo	follows: rk was [was : an was [was :	not] submitted	i on Form C-102 or (Cross out incorr	ect words.)	1 1 1	
The dates of this v Notice of intention and approval of th	work were as in to do the wo	follows: rk was [was : an was [was :	not] submitted	i on Form C-102 or	ect words.)	1 1 1	
The dates of this v Notice of intention and approval of th D	work were as in to do the wo	follows: rk was [was : an was [was :	not] submitted not] obtained. OF WORK	i on Form C-102 or (Cross out incorr DONE AND RE	ect words.))BTAI	NED Shut in	19
The dates of this v Notice of intention and approval of th	work were as in to do the wo	follows: rk was [was : an was [was :	not] submitted not] obtained. OF WORK	i on Form C-102 or (Cross out incorr DONE AND RE	ect words.))BTAI	NED	19
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The dates of this venture of the notice of intention and approval of the D	work were as in to do the wolle proposed place ETAILED	follows: rk was [was : an was [was :	not] submitted not] obtained. OF WORK Date Taken	i on Form C-102 or (Cross out incorr DONE AND RE Time Shutin, Hr	ect words.))BTAI	NED Shutin	19
The dates of this venture of the notice of intention and approval of the D	work were as in to do the wolle proposed place ETAILED	follows: rk was [was ; an was [was r ACCOUNT	not] submitted not] obtained. OF WORK Date Taken	i on Form C-102 or (Cross out incorr DONE AND RE Time Shutin, Hr	ect words.))BTAI	NED Shutin sure, P	19 SIG
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The dates of this very second approval of the Date of	work were as in to do the wolle proposed plus ETAILED	rk was [was an was [was an was [was an was [was an was]] ACCOUNT Name	not] submitted not] obtained. OF WORK Date Taken 4-26-51	Company Company Company Company Company Company Company Company Company Company	ect words. SULTS (DBTAI	NED Shutin sure. P 662 ormation a	SIG
The dates of this ventor of intention and approval of the Down of	work were as in to do the wolle proposed plus ETAILED	rk was [was an was [was an was [was read was was was was was read	not] submitted not] obtained. OF WORK Date Taken 4-26-51	Company Com	ect words. SULTS (the info	NED Shutin sure. P 662 ormation g	SIG
The dates of this very second approval of the Date of	work were as in to do the wolle proposed plus ETAILED	rk was [was an was [was an was [was read was was was was was read	not] submitted not] obtained. OF WORK Date Taken 4-26-51	Company Com	ect words. SULTS (the info	NED Shutin sure. P 662 ormation a	SIG
The dates of this ventor of intention and approval of the Down of	work were as in to do the wolle proposed plus ETAILED	rk was [was an was [was ran was [was ran was [was ran was]] ACCOUNT Name Name Notary Public vember 12	not] submitted not] obtained. OF WORK Date Taken 4-26-51	Company Com	ect words. SULTS (the info	NED Shutin sure. P 662 ormation g	SIG
The dates of this work to the control of intention and approval of the Down of	work were as in to do the wolle proposed plus ETAILED	rk was [was an was [was an was [was read was was was was was read	not] submitted not] obtained. OF WORK Date Taken 4-26-51	Company Com	ect words. SULTS (the info	Shutin sure. P 662 ormation g dent Operator 1, New	SIG SIG
The dates of this work to the control of intention and approval of the Down of	work were as in to do the wolle proposed plus ETAILED	rk was [was an was [was ran was [was ran was [was ran was]] ACCOUNT Name Name Notary Public vember 12	not] submitted not] obtained. OF WORK Date Taken 4-26-51	Company Com	ect words. SULTS (the info	NED Shutin sure. P 662 ormation g	SIG SIG

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UPLI	CAT	

EXICO OIL CONSERVATION CON Santa Fe, New Mexico

ION RECEIVED TO SERVICE OF THE PROPERTY OF THE

REQUEST FOR (GHL) - (GAS) ALLOWABLE

NOV 30 New Well Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-103 well of the same District

				Roswell. New	Mexico	November 25,	195
•				(Place)		(Date)	
E ARE H	EREBY RE	QUESTIN	IG AN ALLOWAB	LE FOR A WELL KNO	WN AS:	1	: 1
				M. Justiswell No. 1		k 1/2 NR	1/.
(Com	ipany or Oper	ator)	,)	(Lease)			
H	Sec	19	, T 255 , R	37 B , NMPM.,	Jalco	; }	.Pool
(Unit)	Lea		G . 5 6	2521		6007	
		······································	County. Date Spi	ıdded 3-5-31	, Date Completed.	· 0-2-31	
Please	indicate loc	ation:					- 11
			Elevation		h 2795	PB	
	ŀ		·			-	
		<u> </u>	Top on gas p	pay 2743	Prod. Form	2743	
		0					
		<u> </u>	Casing Perfor	rations:	·	!	or
			Depth to Cas	ing shoe of Prod. String		1	
						1 0	
	i		Natural Prod.	. Test		В(OPD.
	!		h	bbls. Oil in.	T.T.	1 1 · ·	
	<u> </u>	<u> </u>	based on	DDIS. OII IN.		s	viins.
	••••••	·····	Test after acid	d or shot		ВС	OPD
Casing a	nd Cementin	g Record					
Size	Feet	Sax	Based on	bbls. Oil in.	Hr	ś	Ains.
	1		Gas Well Pot	tential 25,299 MCF -	Initial Product	tion	
15-1/2	124	20					
12-1/2	425	10	Size choke in	inches. Open Flow		1.	
			Data 6mt all	run to tanks or gas to Tran		Sent 1921	1
10-1/2	. 819	<i>5</i> 0	Date first on	run to tanks or gas to 1 ran	smission system:	::	
8-1/4	067 <i>E</i>	366	Transporter t	aking Oil or Gas:	Paso Natural G	LE Co.	
0-1/4	2013	155	•			4	<u> </u>
Remarks:	•••••	TO CO	MPLY WITH RULE	11 OF COMMISSION'S	ORDER R-356	ii .	
I harah	certify that	the infor	mation given above	e is true and complete to the	e best of my knowle	dge.	
•	•		-	9. LEONAR		1	
zbbroseg			الم ولوبه بينوبه بين	J	(Company or Oper	ator)	
Ott	CONSERV	ATION	COMMISSION	By:	Br		
		//		,	(Signature)		1
3v:	V- J. O.	tanlu	1	Title R	obert J. Leona	rd, President	
E	ngineer D	istrict A			Communications rega	rding well to:	
Title				Name LEO	NARD OIL COMPA	NY	
							· · · T

NO. THE COPYES HECCIVED			j. :	:
DISTRIBUTION	NEW MEXICO OIL	CONSERVATION COMMISSING	Form. C-104	
SANTA FE	REQUEST	FOR ALLOWABLE AND	Supersedes Old C-10 Ellactive 1-1-65	and C-1
U.S.G.S.	AUTHORIZATION TO TR	ANSPORT OIL AND NATURAL O		
LAND OFFICE		OCT 11 10 25	[1]	
GAS GAS			11.65	
PROBATION OFFICE	- ·			,
Operator				
Tenneco Oil Company	1			
P.O. Box 1031, Midl	and, Texas			
Reason(s) for filing (Check proper box	· · · · · · · · · · · · · · · · · · ·	Other (Please explain)		
New Well Hecompletion	Change in Transporter of: Oil Dry G	as .		
Change in Ownership X	Casinghead Gas Conde	ensure Effective 10-1-6	55	:
If change of ownership give name	Leonard Oil Company 10t	h Floor Security Life Blo	Document of the second	
and address of previous owner		W 11001 Becality Life Di	ug. Roswell, New M	X1CO
DESCRIPTION OF WELL AND		ine, Including Formation	Kind of Lease	3
B. M. Justis		mat- Gas	State, Federal of Fee Fee	
Location H 19	80 North	660	7	,
Unit Letter;;	80 Feet From The North Lir	ne and Feet From T	East	
Line of Section 19 , To	wnship 25-S Range	37-E , HMPM, Lea		County
THETEN ATION OF THE AVERAGE	TED OF OIL AND MATTINAL CA			
Name of Authorized Transporter of Oil	TER OF OIL AND NATURAL GA	Address (Give address to which approv	ed copy of this form is to be se	n.: /
None	singhead Gas or Dry Gas 🔀	Address (Give address to which approv		<u>.</u>
El Paso Natural Gas		Box 1384, Jal, New	A	A:,
if well produces oil or liquids,	Unit Sec. Twp. Rgo.	Is gas actually connected? When	n',	
que location of tanks.	<u> </u>	yes	unknown	
If this production is commingled wi COMPLETION DATA	th that from any other lease or pool,	give commingling order number:		<u> </u>
Designate Type of Completic	on - (X)	New Well Workover Deepen	Plug Back Same Restv. Di	i. Res'v.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.	,
				· · · · · · · · · · · · · · · · · · ·
Poo.	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth	ij.
Perforations	· · · · · · · · · · · · · · · · · · ·		Depth Casing Since	
	TIDING CIGNIC IN	o crucurino propon		
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT	
1				 ;
				- : -
TEST DATA AND REQUEST FOOL WELL	OR ALLOWABLE (Test must be a able for this de	fter recovery of total volume of load oil a opth or be for full 24 hours)	nd must be equal to or exceed t	op allou-
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas life	eici)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size	
!	, results			•
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas + MCF	
	<u> </u>	<u> </u>		
GAS WELL	·			
Actual Prod. Test-MCF/D	Length of Test	Bbis. Condensate/MMCF	Gravity of Condensate	, a
Testing Method (picot, back pr.)	Tubing Pressure	Casing Pressure	Choke Size	
		!		
CERTIFICATE OF COMPLIANCE	CE	OIL CONSERVAT	TION COMMISSION	*
I hereby certify that the rules and r		APPROVED	, 19	
	ith and that the information given	ВУ		
-		TITLE	. 1	1
1.00 Q		This form is to be filed in ec	omoliance with Rule 1102	;
X Louis	R. L. Leggett	If this is a request for allowa	ble for a newly drilled or d	repensed
District Office Supervi		well, this form must be accompanies taken on the well in accord	ance with RULE 111.	
District Office Supervi		All sections of this form must able on new and recompleted well	he filled out completely for	r allow-
October 1, 1965		Fill out Sections I. II. III.	and VI only for changes of	owher,
(Da	ue)	well name or number, or transporte		
• •	•	Separate Forms C-104 must	ne litted for each poor in p	

•			
. or cortes acc	1		
. DIŞTRIBUTI			
SAL A FE			
TILE			
J.S.G.S.			
-AND OFFICE			
PANSPORTER	OIL	L	
PERATOR			
1005 151011 055			

NEW MEXICO OIL CONSERVATION COMMISSIUM AND AUTHORIZATION TO TRANSPORT OIL AND NATUR

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

-AND OFFICE	AUTHORIZATION TO TR	CT	2n ,
IRANSPORTER GAS	-		04 PH 765
PERATOR	•		
PORATION OFFICE			
	Oil Company	•	
ddress			
	, Midland, Texas		
coson(s) for filing (Check proper box	Change in Transporter of:	Omer (r teuse explain)	
ncompletion	OII Dry G		of lease from B.M. Justis
hange in Ownership	Casinghead Gas Conde	ensale 🗌	i
change of ownership give name			
d address of previous owner			
ESCRIPTION OF WELL AND		ame, including Formation	Kind of Lease
B.M. Justie A		lmat Gas	State, Federal or Fee Fee
ocation H 198	≥		
Unit Letter;;	Feet From The north Li	ne and 660 Feet Fro	om The <u>east</u>
Line of Section 19 , Tov	vnship 25-S Range	37-E , NMPM,	Lea County
SIGNATION OF TRANSPORT	FER OF OIL AND NATURAL GA	AS Address (Give address to which ap	proved copy of this form is to be sent)
none			
ome of Authorized Transporter of Cas			proved copy of this form is to be sent)
El Paso Natural Gas	Unit Sec. Twp. Rge.	Box 1384, Jal, New	Mexico When
well produces oil or liquids, ve location of tanks.		yes	unknown
his production is commingled wit	h that from any other lease or pool,	give commingling order number:	
OMPLETION DATA	Oil Well Gas Well	New Well Workover Deepen	Plug Back Same Res'v. Diff. Res'v.
Designate Type of Completio	n – (X)		
ite Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
ol	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
	Trains of Francising Formation	100,011,000 101	
rforations		<u> </u>	Depth Casing Shoe
		D CENTURY DECORD	
HOLE SIZE	CASING & TUBING SIZE	D CEMENTING RECORD	SACKS CEMENT
	-		
T DATA AND REQUEST FO	OR ALLOWABLE (Test must be a		oil and must be equal to or exceed top allow-
WELL: First New Oil Run To Tanks	able for this de	pth or be for full 24 hours) Producing Method (Flow, pump, gas	lift, etc.)
. That it is a second of the s			
7th of Test	Tubing Pressure	Casing Pressure	Choke Size
al Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas - MCF
di Pioo. During Test	,		
WELL a) Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
3,7,03,70			
ng Method (pitot, back pr.)	Tubing Pressure	Casing Pressure	Choke Size
FIGURE OF COMPLIANC		OU CONSERV	(ATION COMMISSION
TIFICATE OF COMPLIANC	.E	OIL CONSERV	VATION COMMISSION
	egulations of the Oil Conservation	APPROVED	, 19
ssion have been complied w is true and complete to the	ith and that the information given best of my knowledge and belief.	BY COLUMN	Chines
000		ALTY E	
		This from he as he still a	- compliance with Till 5 1904
1 hand	R.L. Leggett_	If this is a request for all	n compliance with RULE 1104. owable for a newly drilled or deepened
$\mathcal{O}_{\mathcal{O}}$	ture)	well, this form must be accomtests taken on the well in acc	panied by a tabulation of the deviation
District Offi		All additions of this form t	must be filled out completely for allow-
October 18, 1		able on new and recompleted	wells. II, and VI only for changes of owner.
(l)at		well name or number, or transp	orten or other such change of condition.
	ą s	Separate Forms C-104 mi	ust be filed for each pool in multiply

$\kappa_{\infty}/2$				
HO OF COPIES REC	į ·			
DISTRIBUTI	ON		1	
SANTA FE				
FILE				
U.S.G.S.	U.S.G.S.			
LAND OFFICE				
TRANSPORTER	OIL			
THANS! ON I EX	GAS		-	
OPERATOR				
PRORATION OF	PRORATION OFFICE			
Operator			,	
Bettis,	Boyle	3	8t	
1.44				

•	$\kappa_{\rm c}/2$		Section Section 1	
•	DISTRIBUTION			
d.	SANTA FE	NEW MEXICO OIL	CONSERVATION COMMISS. N	Form C-104
	FILE	REQUEST	FOR ALLOWABLE	Supersedes Old C-104 and C-11 Elloctivo 1-1-65
	U.S.G.S.	AUTHORIZATION TO TR	ANSPORT OIL AND NATURAL	GAS
	LAND OFFICE	1	V -	
	TRANSPORTER GAS	·		
	OPERATOR] .	•	
I.	PRORATION OFFICE			
	Bettis, Boyle & St	oval 1		
	Address	5 va11		
	Box 1168	Graham, Texas 7	6046	
	Reason(s) for filing (Check proper box)	•	Other (Please explain)	
	Recompletion	Change in Transporter of: Oil Dry Go	gs	
	Change in Ownership	Casinghead Gas Conde	— 	_1_70
	If change of ownership give name		- ARRESTATE AV	
	and address of previous owner	Tenneco Oil Company	Box 1031 Mi	dland, Texas
11.	DESCRIPTION OF WELL AND	LFASE		
	Lease Name	Well No. Pool Name, Including F	ormation Kind of Leas	Lease No.
	B. M. Justis A	l Jalmat (Gas)	State, Federa	or Fee Fag
)A 18444		
	Unit Letter H: 198	Feet From The 1507th	te and 660t Feet From	The Bast
	Line of Section 19 Tow	mahip 255 Range	37 R , NMPM,	County
	DECICNATION OF TRANSPORT	DDD OD OH AND NATHWAY OF		
111.	Name of Authorized Transporter of Oil		Address (Give address to which appro	wed copy of this form is to be sent)
,	None None	· · ·	· 10	
	Name of Authorized Transporter of Cas		Address (Give address to which appro	
	Bl Paso Hatural Go	Unit Sec. Twp. Rge.	- t	en Mexico
	If well produces oil or liquids, give location of tanks.	1 1 1 1	Ves	unknown
	If this production is commingled wit	h that from any other lease or pool,	give commingling order number:	
IV.	COMPLETION DATA	Oil Well Gas Well	New Well Workover Deepen	Plug Back Same Res'v, Diff. Res'v.
	Designate Type of Completio		l season season	Same Resv. Datt. Resv.
	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 Depth
	Perforations		<u> </u>	Depth Casing Shoe
			CEMENTING RECORD	SACVE CENEUT
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
,				
47	TEST DATA AND DECUEST FO	DRALLOWARIE (Taxonia)	feer recovery of total values of load off	and must be equal to or exceed top allow
٧.	TEST DATA AND REQUEST FO	able for this de	pth or be for full 24 hours)	
	Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas li	ft, etc.)
•	Length of Test	Tubing Pressure	Casing Pressure	Choke Size
	· · · · · · ·			
	Actual Prod. During Test	Oil-Bbls.	Water - Bbls.	Gas-MCF
			<u> </u>	
	GAS WELL			
	Actual Prod. Teet-MCF/D	Length of Test	Bbis. Condensate/MMCF	Gravity of Condensate
		Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
	Testing Method (pitot, back pr.)	Tubing Pressure (Shut-18)	Cosing Pressure (Sauce-12)	Chore Size
VI	CERTIFICATE OF COMPLIANC	TE	OIL CONSERVA	TION COMMISSION
v 4.	CENTILIONIE OF COMPENANC	· -		logical all the
	I hereby certify that the rules and r	egulations of the Oil Conservation	APPROVED	0 - 19
	Commission have been complied wabove is true and complete to the	tin and that the information given best of my knowledge and belief.	BY W.	unyan
			TITLE Geologia	
	.1 /1			compliance with RULE 1104.
][]\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	LL H. M. Bettin	to this is a request for allos	vable for a newly drilled or deepenod
	(Signa		well, this form must be accompe tests taken on the well in acco	inled by a tabulation of the deviation
	xRarknarx Ag		All sections of this form my	ast be filled out completely for allow
	- (Tit	•	able on new and recompleted w	ells. I. III, and VI for changes of owner
	October 2	8, 1970	well name or number, or transpor	fet of other shen cusude or cougition
	,-		Separate Forms C-104 mus	t be filed for each pool in multipl;

		(A)			
NO. OF COPIES HECESVED		600			
DISTRIBUTION	Form C-104				
REQUEST FOR ALLOWABLE Supersedes Old C-104 an					
.5.G.5.	AUTHORIZATION TO TRA	AND NSPORT OIL AND NATURAL	GAS		
AND OFFICE					
RANSPORTER GAS I					
PERATOR		RE(CEIVED JUL 2 1 1981		
FORATION OFFICE					
Bettis, Boyle &	Stovall				
pro **		The second of th			
	m, Texas 76046				
ascats) for filin g (Check proper bas) 	. Change in Transporter of:	Other (Please explain)			
The second of th	Ott Dry Gas	s Casinghead o	ation to oil and gas effec. 1/1/15		
and dr., about 1	Casingheeri Cas 🔲 — Conden				
hange of ownership give name		•			
address of previous owner		Printer allen harr arming a steel armine has a stated that the standard that the standard and st			
SCRIPTION OF WELL AND E	EASE				
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The substitute of the substitu	1 1 Jailla	t Yates Seven River Tansill	s State, Federal or Fee Fee		
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The statement 19 , Sewi	18514 258 Hungs 37	E , 1939M,	Lea County		
agnation of Transport	ER OF OIL AND NATURAL GA	S			
A IAA G G Garn retter tiül	X or Jonden orte	Address (Give address to which appro	oved copy of this form is to be sent)		
Shell Pipeline Com	· · · · · · · · · · · · · · · · · · ·	Midland, Texas Address (Give address to which appro	or ed copy of this form is to be sent)		
. 1 Paso Natural Ga		Jal, New Mexico			
and the second s	Unit Sec. Twp. Rge.	Is gas actually connected? Wi			
The district the body of the contract of the c	H 19 258 37E	yes	unknown		
s production is commangled with IPLETION DATA	h that from any other lease or pool, i	give commingling order number:			
resignate Type of Completion		New Well Workover Deepal.	Tha Back Same Heaty, Faff, Resty.		
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une, 1931					
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mat Yates SR Tans	ill Yates	2615	Depth Casing Shoe		
Open_hole2	615-2705		2.794		
open_nore	TUBING, CASING, AND) 7:		
7 N.B. 517 E	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT		
	15½	i e e e e e e e e e e e e e e e e e e e			
13½		819	1050		
10-3/4		2615			
DATA AND REQUEST FO		ter recovery of total volume of load oil oth or be for full 24 hours)	and must be equal to or exceed top allow-		
	office Cond	Production Zethod (Flow, pump, gas I	ift. etc.)		
4-27-75	4-28-75	Complete Flow	Jackey Time		
21. 5-0	Paining Lawrence				
24 hrs	25 25	Worder - 1916 25	34		
·		TSTM	40		
E1.1.					
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von Canta, hack pr.)	Publica terminare	Costing Pressure	Choke (inz)		
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	egulations of the Oil Conservation	APPROVED JJM-1	1971 913, 511113 by		
on have been complied we true and complete to the	ith and that the information given best of my knowledge and belief.	D Carrier and the contract of			
	\mathcal{N}	Geologis	5 Geo. mer		
/ MA	41		compliance with RULE 1104.		
Zamy///	ulsey	If this is a request for allo	wable for a newly drilled or deepened		
y O. Hulsey, Po	etroleum Engineer	well, this form must be accompa tests taken on the well in acco	anied by a tabulation of the deviation ordance with RULE 111.		
7/	(e)	1)	ust be filled out completely for allow-		
May 304	1975	Fill out Sections L. H. HI	and VI only for changes of owner.		
(Dai	pe)	well name or number, or transpor	rter, or other such change of condition.		

	MO. OF COURT RECEIVED		Service of And	well Fire
•	ំបាចរូបពៃលកលេម «SANA FT.	NEW MEXICO OIL C	ONSERVATION COMMISSION FOR ALLOWABLE	Dom C-104 Supersedes Old C-104 and C
	U.S.G.S.		CAND	Effective 1-1-65
	LAND OFFICE	- AUTHORIZATION TO TRA	MISPORT OIL AND NATURAL G	A\S
i	TRANSPORTER GAS			
3.	PROFITION OFFICE			
	Doyle Hartman			
	P. O. Box 10426 Midla	and. Texas 79702		
	Reason(s) for filing (Check proper box	,	Other (Please explain)	
	Recompletion []	Change in Transporter of: Oil Dry Ga	s 🗇	
	Change in Ownership X	Castnahead Gas Conden	isute	
	if change of ownership give name and addices of previous owner	Bettis, Boyle and Stoval	1, P. O. Box 1240, Grahar	n, Texas 76046
4.	DESCRIPTION OF WELL AND			
	B. M. Justis	1 Jalmat (Gas)	State, Federal	crice Fee
	Location	. 1		
		O Feet From The North Lin	e and 660 Feet From T	he East
1	Line of Section 19 To	whahlp 25-S Range	37-E , NMPM, Le	County
! .,		TER OF OIL AND NATURAL GA		
	None of Authorized Transporter of Oil	or Condensate [_]	Address (Give address to which approve	ed copy of this form is to be sent)
	Name of Authorized Transporter of Ca		Address (Give address to which approve	
	El Paso Natural Gas	Company Unit Scc. Twp. Pge.	P. O. Box 1384 Ja1, New Is gas actually connected? When	
Į	give location of tanks.		Yes	12-1936
	f this production is commingled wi	th that from any other lease or pool,		
	Designate Type of Completion	on = (X)	New Well Workover Deepen	Plug Back Same Resty, Diff Res
	Date Spudded	Date Compl. Ready to Prod.	Total Depth	F.B.T.D.
	Lievations (DF, RKB, RT, GR, etc.)	Plane of Producing Formation	Tep Oll/Gas Pay	Tubing Depth
	Perforations			Depth Casing Shoo
	Ferrodusir			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	HOLE SIZE	TUBING, CASING, AND	CEMENTING RECORD	SACKS CEMENT
ļ				
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	TUST DATA AND REQUUST F ON, WELL	OR ALLOWABLE (Test must be ny able for this de	psh or be for full 24 hours)	
	Date First New Cil Run To Tanks	Date of Tret	Producing Method (Flow, pump, gas lift	· [etc.]
	Langth of Frat	Tubing Preseure	Casing Pressure	Choke Size
	Actual Fred. During Toot	Cil-Bris.	Water - Bble.	Goe-MCF
Ì		<u> </u>		
_	GAS REAL			
	Actual Produitest-MCF/D	Length of Test	Bbls. Contensate/MMCF	Gravity of Condensate
İ	Testing worked (pitot, back pr.)	Tubing chosens (Chuttein)	Caning Pressure (Ebut-in)	Chake Size
T,	CURTIFICATE OF COMPLIAN	CE	OIL CONSERVA	TION COMMISSION
	t the same and the same and	regulations of the Oil Conservation	APPROVED	, 19
	Commission have been complied a	with and that the literasilon given a best of my knowledge and belief.	ยา	
	•		TITLE	
	De la de		This form is to be filed in c	amplience with AULE 11C4.
	Larry (). Nonny	Commission of the commission o	If this is a request for allows	nble for a nawly drilled or deepen
	Engineer	atu e)	terre taken on the well in accord	tence with AULE 111. the Milad out completely for elic
•	ϵr	(le)	hble on new and recompleted we	lla.
	Nov 5, 1981	ate)	Vell name or tander, or transports	
		Control of the second	Superate Luma C-104 must completed wells.	be filled for each pool in walth
		er er er er er er er er er er er er er e		

HO. OF CONTESSACCEIVED	1 121			2	20 00	25-676	50
	NEW	MEXICO OIL CONSER	VATION COMMISSION	.}997 I	Porm C-101		
SANTA FE			•		Revised 1-1-65		<u> </u>
U.S.G.S.					STATE	Type of Lag: " Fre [X]	
LAND OFFICE					5, State Oil 6	Gas Lease No.	-
OPERATOR		~ →					, ;
ADDL ICATION	LEOD BERUIT TO	DRILL, DEEPEN, C	D DI UC DACK				
AFFLICATION	FOR FERMIT TO	DRILL, DEEPEN, C	IR PLUG BACK		7. Unit Agree	ement Home	77%
Z DRILL X		DEEPEN .	PLUCE	ACK			
b, Type of Well		. —			8. Jarm or La		
WELL GAS WELL X	, O HER		ZONE MUL	ZONE	B. M. J	ustis	<u> </u>
Doyle Hartman			•		10		
C. Address of Operator						Pool, or Williat	-
P.O. Box 10426	Midland, Tex				Jalmat		
UNIT LETTER	E Loc	ATED 1940 FE	ET FROM THE North	LINE			
SHD 120 FELT FROM I	HE West III	 	n. 25S not. 37E	NKERKE			
				THI	12 denty	Tribility.	
					Lea		17.
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			3200 TVD	Yates		Rotary	
3067.5 G.L.		Screens Fluor Bond 21	P. Drilling Contractor Kenai		1 i ·	mber 1981	
23.		· · · · · · · · · · · · · · · · · · ·			1 11046	1901	 -
		PROPOSED CASING AND	CEMENT FROGRAM				
SIZE OF HOLE		WEIGHT PER FOOT				EST. TOP	<u> </u>
14 3/4 8 3/4	10 3/4	40.50	600 3200 TVD		00 00	Surface Surface	<u> </u>
0 3/ 4		23.00	3200 170	1	30	Surrace	
	11 <i>i6:11 1</i> -	 	 	 	<u> </u>	10001 511	
We propose to dri 440' FEL of Section							
We propose to loca							3.
R-37-E and deviate	the hole to b	oottom hole loca	tion 1989 FNL a	and 440	FEL of Se	ction 19, T	
R-37-E at a true							ue
vertical depth and directional surve	will be locat of the entire	ced 1989 FNL ar well hore will	0 440 FEL OT 56 1 he made when	ction in	9, 1-25-5 nth is re	o, K-3/-E. / Pached A	1
hearing was held l	November 4, 198	31 for approval	to deviate this	LUCUI GE	Pul 13 14	aciica.	1 .
near mg mas nera i			to deviate time	well.	rrom the	base of the	
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NELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes G-128 Effective 1-165

Ranald J. Eidean 3239

All distances must be from the outer boundaries of the Section ימיסייי ז Well No. Dovle Hartman B.M. Justis 10 Section Township 20 25 South 37 East Lea Actual Cost up Location of Well: 1940 North West feet from the line and feet from the Preducing Formation Ground ! gvel Elev. 3067.5' Yates-Seven Rivers Jalmat (Gas) 80 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. See Attached C-102 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. (I'se reverse side of 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 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. HARTMAN 120 I hernby certify that the well location true and co knowledge and believ OCT **2 3** 1981 Date Surveyed Oct! 20, 1981 UONSERVATION Registered Professional Engineer SANTA FE

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section.

Operator	<u> </u>	·	Lens				1	Well No.	+++
Doyle Hart			В.	B. M. Justis			1	10	
Unit Letter	Section	Township	Ren		County				
E Actual Footage Loc	19 & 20	25 South	37	East	L L	ea	1 · · · · · · · · · · · · · · · · · · ·	, , , , , , , , , , , , , , , , , , ,	
* 1989		North line	md 440	fool	from the E	ast		une of Sec.	19
Ground Level Elev.	Producing F		Freat		. nom the L	asc		ated Acreage:	1
	Yates-S	even Rivers	Jalm	at (Gas)			80	; ,	Cres
1. Outline th	e acreage dedic	cated to the subject	well by c	olored pencil o	r hachure	marks on	the plat	below.	
	ached C-102	, ,					1	:	
	ian one lease i nd royalty).	s dedicated to the	well, outlir	ie each and ide	ntify the o	wnership	thereof	(both as to wor	king
mieresi ai	iid toyaity).		•						
3. If more the	an one lease of	different ownership	is dedicate	ed to the well,	have the i	nterests	of all o	wners been cons	soli-
dated by c	communitization,	unitization, force-pe	ooling, etc?					· ·	
Yes	□ No If	answer is "yes," typ	سممام م	lidati					
les	[] 110 II	answer is yes, ty	or conso	noation		 -	 		+- 1
		e owners and tract d	escriptions	which have ac	tually bee	en consol	dated. (Use reverse sid	le of
	f necessary.)							·	
No allowal	ble will be assig	gned to the well until	l all interes	sts have been c	onsolidate	nd (by co	mmuniti	ization, unitizat	tion,
sion. *		e)or until a non-stan le location at			h interest	s, has be	en appro	oved by the Com	mis-
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Boccom no	To Tocación de				<u>,</u>	<u> </u>		<u> </u>
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[]	\$		M. Justi	ls No. I Jalmat(Yates	s) Well	Position		1	
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		Q-0-1 14/2	o'		\mathcal{A}	Company	f		
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}	/ 1			•	1	Novem	per 2,	1981	
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RM Tue	tis No. 9	•	•	Surface Loca is No. 10	actou			ali a a a a a a a a a a a a a a a a a a	
1 1	vers (0il) V	1 \		lmat(Yates)	Well	1	1	r that the well loc at was plotted from	
	ĺ	1 1111 60 100 100	•	l L	ł		1	surveys made by n	- 1
[1757	COLUMN I		1		under	y superv	ision, and that the	same
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\ 	+DEG-2	2 1981 July at	3200 TVD	1989' FNL	JCac 10.	knowle	dge and b	elief.	
	1111 +DE ONE	DIV 510440	FEL Sec	tion 19	7				1
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	OIL CONSA	NTA .		10	į				
-	Sec. 19	> ←	W	c. 20	>		1 7	stonal Engineer	
		<u> </u>	06		1	and/or L	and Surve	уог	
	.	j		!	. 1		<u>.</u>		
						Certifico	ite No.		
330	20 1270 1470	1000 2210 2040	3000		T				1

Offset Jalmat (Gas) Operators
B. M. Justis No. 10
E/2 NE/4 Secton 19
T-25-S, R-37-E
Lea County, New Mexico

Notification of Request for Administrative Infill Finding

Offset Operator	Date Notification Mailed by Hartman	Date Received by Offset Operators	Date Waiver Returned Offset Operators
Getty Oil Company	December 9, 1981	December 10, 1981	December 14, 1981
Bettis, Boyle and Stovall	December 9, 1981		<u></u>
Sun-Texas Company	December 9, 1981		
Conoco, Inc.	December 9, 1981	December 10, 1981	



REPORT of SUB-SURFACE DIRECTIONAL SURVEY

Doyle Hartman Oil Company COMPANY

B.M. Justis Well No.10

WELL NAME

Lea County New Mexico

JOB NUMBER

WT1181-G0112 WT1181-D0111 WT1181-S0120

TYPE OF SURVEY

Gyroscopic Multishot Magnetic Single Shot Magnetic Multi Shot

DATE

11-23-81 11-30-81 11-30-81

SURVEY BY
Gary DeSpain
Ken V. Tidwell

OFFICE West Texas West Texas DOYLE HARTMAN OIL PRODUCTION
B.M. JUSTIS WELL NO. 10
LEA COUNTY, NEW MEXICO BD1-365
NOVEMBER 23, 1981

EASTMAN WHIPSTOCK, INC.

GYROSCOPIC MULTI SHOT WT1181-G0112

SURVEYOR: GARY DESPAIN (0'-600')
MAGNETIC MULTI SHOT WT1181-S0120
SURVEYOR: TROY ONEY (600'-3258')

Easiman

VERTICAL SECTION CALCULATED IN PLANE OF PROPOSAL TO THE PROPOS

RECORD OF SURVEY

THE JETAOLAME COMMIT

RADIUS OF CURVATURE METHOD

DOYLE HARTMAN OIL PRODUCTION B.M. JUSTIS WELL NO. 10 -LEA-COUNTY, NEW-MEXICO -- DD1-365

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COMPUTATION

DATE

216.18 N 88 48 W

-241.34---N-88-40-W

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266:89 N-88-30-W-

N 88 19 W

<u> 456-57 N 88-38-W - 1 0.84</u>

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PAGE NO.

TIME -08:04:23--02-DEC-81

				TRUE				•	,	
-MEASURED-	-DRIFT	DRIFT	-COURSE-	-VERTICAL-	-VERTICAL-	R-E-E-T-A-N	- 		5-U-R-E	EICIGLEI
DEPTH	ANGLE	DIRECTION	LENGTH	DEPTH	SECTION	COORDI	NATES	DISTANCE	DIRECTION	SEVERI
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300.	0 30	8 12 W	1.00 .	300.00	0.12	0.87 \$	0.05 W	0.87	S 3 15 W	0.24
400.	0 45	8,45 W	100.	399.99	0.72	1.81 8	0.56 W	1.90	S 17 14 W	0.43
										
500.	1 15	S 55 H	100.	499.98	2,15	2.93 5	. 1.90 W	3.49	S 32 54 W	0.53
600.	1 45	S 64 W	100.	599.94	4.51	4.26 8	4.15 N	5.95	8 44 15 W	o.55
- 	-1-15-		63.		5.2 8	5-27-3-			9-45-5 5-6-	
755.	3 0.	8 71 W	97. TTTLE	754,85 8 47, 6 8 ,	3.81	7.18 8	8.22 W	10.91	8 48 52 W	2.21
848.	4 0	N B4 W	33.	والمنظم المنظمة	Q 14.442	7.81 8	13.81 W	15.87	S 60 30 M	1.94
5.40	5 45	hi 70 11		939.34			To de Control		C 70 40 0	
940.		N 79 W	TESTAL.	707.349	A 750 700	6.66 8 -	. 21.54 W		S 72 49 W	*
1032.	7 45	N 81 W	92.		7 3 4 3 4 3 4 3		27 32.19 W	32.54	S 81 23 W	元。2.1例
1125 1217.	9-30- 10-30	N-85 W N 86 W	92.	1213.25 1213.25		િં,}ેલું 3.08 કે/ • • • •		40.137 - 61.98	-S-86-10 W 8 88 12 W	1993 1 10
1309.	11 30	N 87 W	92.	1303.55		:::::::1::83-8 \				1.10
130%	11.30	N D/ W	7 4 . 	1303.34	79.24	0.76 8	79.48 W	79.48	S 89 27 W	1.11
1402.	12 30	N 87 W	93.	1394.52	93.39	0.25 N	98.79 W	98.79	N 89 51 W	-
1494.	14 0	N 88 W	72. 72.	1484.07	119.29	1.17 M	119.85 W	119.84	N 89 26 W	1.08 1.65
1587.	1 445-	N - 58 - W		1574.15-	142.21	1.98 1	117.50 W	117.00 	N 89-12-W-	1.60 0.81-
1679.	15 0	N 88 W	92.	1663.07	165.65	2.80 N	166.53 W	166.55	N 89 2 W	0.27
1.771.	15 45	N 88 W	92.	1751.78	189.84	3.66 N	190.91 W	190.94	N 88 54 W	0.82
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2326.	17 45	N 85 W	93. 2284.12	345.06	12.63 N 347.4	8 W 347.7	i N 87 55 N	0.63
2418.	17 45	N 87 W	92. 2371.74	372.76	14.59 N 375.4	6 N 375.7	4 -M 87 47 W	0.66
2510	17-30-		92;2459;42	400.51	14.84 N408.80	0 K403.5	5-N-87-58-W-	2:32
, 2603.	17 30	S 86 W	93. 2548.12	428.48	12.39 N 431.20	O W 431.3	7 N 88 21 W	0.00

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-239--87----

4.54 N

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2018-16

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DOYLE HARTMAN OIL COMPANY B.M. JUSTIS WELL NO.10 TEA COUNTY, NEW MEXICO BD1-368

COMPUTATION TIME DATE - PAGE NO:

07:48:48 00--00

				TRUE				
MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D	COURSE LENGTH FEET	VERTICAL DEFTH FEET	VERTICAL SECTION FEET	RECTAN COORDI FEE	NATÉS	DOGLEG SEVERITY DG/100FT
600.	1 45	S 64 W	0.	599.94	4.51	4.26 8	4.15 W	0.00
600. 689.	1 15	S 32 W	89.	688.91	6.34	5.80 S	5.86 W	1.07
729.			40.	728.89	7,10	6.70 S	6.54 W	2.00
759.	2 45	8 64 W	30.	758.87	ģ. 15	7.45 S	7.53 W	3.89
789.	3 30	8 76 W	30.	788.82	9.72	8.01 S	9.06 W	3.30
816.	3 30	8 84 W	27.	815.77	11.37	8.26 S	10.69 W	2.26
847.	3 15	N 90 W	31.	846.72	13.19	8.33 9	12.51 W	1.11
878.	3 45	85 W	31.	877.66	15.08		14.40 W	T1.89
988.	7 0	N 85.W.,	110.	987.16	25.33	8.41 8	24.69 W	3.06
1082.	9 0	N 85 W /	والمتناث والمستعان	্জ: 1080.24		7,27 S	37.72 W	2.13
1178.	10 0	N 88 W	96.	1174.92	53.89		53.53 W	1.46
1270.	11 0	N 88. W 🔍	92. (<u> </u>	(12 July 70.52	5.72 8	70.29 W	1.09
1365	12 15-	N 88 W 🚡	75.	1358.43	.89.52	≲ 5.05 S	89.42 W	1.32
1489.	14 0	N 90 W	124.	1479.19	the state of the s	4.56 S	117.57 W	1.46
1591.	14 30	N 89 W	102.	1578.05	142.51	4,34 \$	142.68 W	0.55
1716.	15 30	N 90 W	125	1698.79	174.72	4.06 S	175.03 W	0.83
1837.	15 45	N 89 W	121.	1815.32	207.16	3.77 S	207.62 W	0.30
	16-15-	N-88-M	1267	1936.44	241.66	2. 86 S	242.34 W	0.45
2088.	16 0	N 88 W	125.	2056.52	276.12	1.65 S	277.03 W	0.20
2245.	16 45	N 86 W	157.	2207.15	319.95	0.67 N	321.23 W	0.60
2402.	18 0	N 84 W	157.	2354.98	366.12	4.75 N	367.93 W	0.88
2558.	17 0	S 84 W	156.	2505.76	-412.76	4.75 N	414.76 W	2.40
	17-15		126.	2626.17	449.88		-451.69 W	0.31
2867 .	13 45	S 85 W	183.	2802.49	498.76	3.07 S	500.40 W	17.91 年 (
3023.	8 30	S 85 W	156.	2955.51	528.85	5.69 S	530.37 W	3.37
3117.	8 30	S 84 W	94.	3048.47	542.74	7.02 S	544.20 W	0.16
3210.	7 30	S 83 W	93.	3140.57	555.48	8.48 8	557.06 W	1.09
3258;	6		48	3188.23-	561.3 2	9.07-S	-5 62.67 W	3.16

DISTANCE:

562.74 FEET

DOYLE HARTMAN OIL COMPANY

B.M. JUSTIS WELL NO.10

LEA COUNTY, NEW MEXICO BD1-368

EASTMAN WHIPSTOCK-ING.
MAGNETIC SINGLE SHOT SURVEY
SURVEYOR: KENT TIBWELL (6001-32101)

Easiman

VERTICAL SECTION CALCULATED IN PLANE OF FROPOSALISM AND A PROPERTY OF THE PROP

RECORD OF SURVEY

RADIUS OF CURVATURE METHOD

DOYLE HARTMAN OIL PRODUCTION S.M. JUSTIS WELL NO. 10 TEAT COUNTY, NEW MEXICO BD1-365 COMPUTATION DATE PAGE NO.

TIME

08:34:23 02-DEC-81

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MEASURED	DRIFT	DRIFT	COURSE	VERTICAL	VERTICAL	RECTANGULAR	,	SURE	DOGLEC
DEPTH	ANGLE	DIRECTION	LENGTH	DEPTH	SECTION	COORDINATES		DIRECTION	SEVERIT
FEET	D M	D	FEET	FEET	FEET	FEET		D M	DG/100°
2787. 2880.	14 30 11 45	S 88 W	92. 93.	2724.52 2815.08	480.48 501.77	10.09 N 483.39 W 9.17 N 504.49 W		N 88-48 W N 88 58 W	
29 72.	9 0	S 87 W	92.	2905.57	518.33	8.30 N 521.03 W	521.10	N 89 5 W	2.99
3065.	8 0	S 87 W	93.	2997.54	532.07	7.58 N 534.76 W	534.82	N 89 11 W	1.08
3157.	7 45	S 83 W	92.	3088.68	544.67	6.49 N 547.32 W	547.35	N 89 19 W	0.63
3218.	6 30	S 84 W	61.	3149.21	552.23	5.63 N 554.83 W	554.8 <u>4</u>	N 89 25 W	2.04
3258.	6 0	S 85 W	40.	3188.97	556.59	5.21 N 559.17 W	559.19	N 89 28 W	1.28

FINAL CLOSURE - DIRECTION: DISTANCE: 그렇

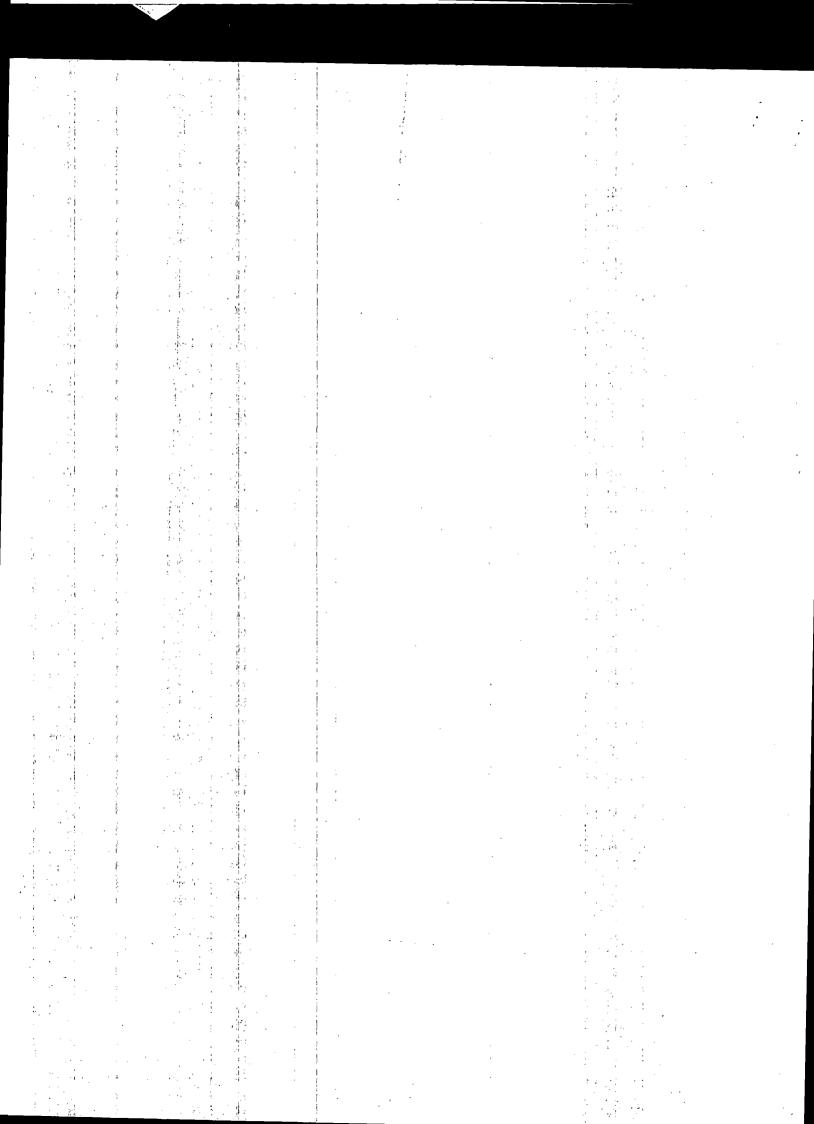
NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All distances must be from the outer boundaries of the Section Operator Lease B.M. Justis 10 Doyle Hartman Section Unit Letter Township 25 South 37 East Lea 19 & 20 Actual Fratage Location of Well: 440 1989 of Sec. 19 North East feet from the line and feet from the Ground Level Elev. Producing Formation Pool Dedicated Acreage: Yates-Seven Rivers Jalmat (Gas) 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. See attached C-102 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, climinating such interests, has been approved by the Commis-Bottom hole location at 3200 feet TVD. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Company DOYLE Nov 2. 1981 FINAL STATION: 8188.96 TVD DEPTH 3258 MD I hereby certify that the well location NORTH 5.21 WES 559-16 CLOSURE 559.19 N89 27 57W shown on this plat was platted from field? notes of octual surveys made by me or under my supervision, and that the same true and correct to the best knowledge and belief. Registered Professional Engineer Sec. 120 and/or Land Surveyor Certificate No.

1320 1650

1980 2310



NEW MEXICO OIL CONSCRIZATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Superandes C-121 Ellection 19-85

Ronald J. Eidson

Well tio. Doyle Hartman 10 B.M. Justis 'nit [, aller Lea 25 South 37 East Actual 1 is 1 rie Location of Well: 120 North 1940 West line and feet from the Pie lycing Committee Ground ! evel [lev. 1001 edicule : Actorge: 3067.5 Jalmat (Gas) Yates-Seven Rivers 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. See Attached C-102 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? Il answer is "ves." type of consolidation. If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of 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-I hereby certify that the information cond herein is true and complete to the best of my knowledge and belief. GARTMAN 120 I hernby certify that the well laiding true and correct to the 2 3 1981 Pate Surveyed



P. O. Box 5577/Midland, Texas 79704/(915) 563-0511

SURVEY CERTIFICATION SHEET

SINTE OF TEXAS
COUNTY OF MIDLAND

I, Kent V. Tidwell in the employ of	f Eastman
	l'thru
November 30 ,1981 conduct or supervise the taking of a	
Magnetic Single Shot survey by the method of magnetic orion	entation
from a depth of 600 feet to 3210 feet, with record	lings of
inclination and direction being obtained at approximate intervals	s of
100 feet.	
This survey was conducted at the request of Doyle Hartman Oil Con	mpany
for their B.M. Justis Well No. 10 Lea	County
State of N MEXICO , in the	field
	1
The data for this survey and the calculations were obtained formed by me according to standards and procedures as set forth I	
Whipstock, Inc. and is true and correct to the best of my knowled	
milps cock, the take to did did confect to the heat of my knowled	.ge.
(1)	
tut () Sidue ()	
DINECTIONAL SUPERVISOR,	SUKVEYOR
The data for this survey has been examined by me and conform	ns to
principles and procedures set forth by Eastman whipstock, Inc.	4
	de de la la la la la la la la la la la la la
Ky Harri	
18 y Macille	f.
o.C	20
Before me, the undersigned authority, on the day personally appearance with the me to be the person kent V. Tidwell, known to me to be the person	ared
is subscribed to the instrument, who after being by me duly swon	on cath
states that he has knowledge of all the facts stated above and the	
instrument is a true statement of facts therein recited.	
Subscribed and sworn to before me on this	_day of
DEC. ,19 8%.	
()	13/200
12/21/2016	Ka
Notary Public in and for the Cou	intv
Midland, Texas	
My commission expires $7/9$	185
The state of the s	



P. O. Box 5577/Midland, Texas 79704/(915) 563-0511

SURVEY CERTIFICATION SHEET

STATE OF TEXAS COUNTY OF MIDLAND

I, Cary Despain in the employ	of Eastman
I, Gary DeSpain in the employ Whipstock, Inc. did on the days of November 23 ,19	81 thru
November 22 .19 of CONQUEE or Supervise the taking of	<i>દ</i> ો
Gyroscopic Multishot survey by the method of magnetic or from a depth of 0 feet to 600 feet, with recoinclination and direction being obtained at approximate interval	ientation
from a depth of 0 feet to 600 feet, with reco	rdings of
	ils of
100 feet.	9
This current was conducted at the request of	.1
This survey was conducted at the request of Doyle Hartman Oil	County
for their B.M. Justis Well No. 10 , Lea State of New Mexico , in the	field.
or New Mexico	I ICITA
The data for this survey and the calculations were obtained	d and mer-
formed by me according to standards and procedures as set forth	
Whipstock, Inc. and is true and correct to the best of my knowl	
and the second of the second o	
DIRECTIONAL SUPERVISO	R/SURVEYOR
The data for this carrier has been examined by me and confe	1
The data for this survey has been examined by me and conforminciples and procedures set forth by Eastman whipstock, Inc.	rns to
principles and procedures see for in by baseman whipsecer, inc.	i.
	and the second section
	3
Lin Stephens	
	7
Refore me, the undersigned authority, on the day personally app	eared
Gary DeSpain , known to me to be the perso	n' whose name
is subscribed to the instrument, who after being by me duly swo	orn on oath,
states that he has knowledge of all the facts stated above and	that this
instrument is a true statement of facts therein recited.	
Subscribed and sworn to before me on this	due of
	day of
DEC, ,198/.	
	_//
(X our la Kti	tento
Notary Public/in and for the C	ounty
Midland, Texas	10/01
My commission expires 7/	19185

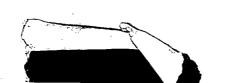


P. O. Box 5577/Midland, Texas 79701/(915) 563-0511 TWX 910-881-5066/Cable: EASTCO

SURVEY CERTIFICATION SHEET

STATE OF TEXAS
COUNTY OF MIDLAND

I, <u>Troy Oney</u> Whipstock, Inc., did on the days o	, in the employ of Eastman
Whipstock, Inc., did on the days o	of 11-30 , 1981 thru
11-81 , 19 <u>81</u> conduc	t or supervise the taking of a
Magnetic Multi Shot surve	y by the method of magnetic orientation
from a depth of 600' feet t	to 3258' feet, with recordings of
inclination and direction being of	tained at approximate intervals of
92' feet.	
This survey was conducted at the r	request ofDoyle Hartman Oil Production
for their B. M. Justis Well No. 10	County,
for their <u>B. M. Justis Well No. 10</u> State of <u>New Mexico</u> , in t) , Lea County, the field.
The data for this survey and	the calculations were obtained and
	lards and procedures as set forth by
Eastman Whipstock, Inc. and is tru	
knowledge.	is and softest to the best of my
	0
	180, (12P)
	Directional Supervisor/Surveyor
	Biloscional Bapcivisor, Ballveyor
The data for this survey has	been examined by me and conforms to
principles and procedures set fort	-
principles and procedures see for	
t e e e e e e e e e e e e e e e e e e e	TimStaphens
Refore me the undersigned authori	ity, on this day personally appeared
Troy Oney	known to me to be the person whose name
is subscribed to this instrument	who after being by me duly sworn on
	of all the facts stated above and that
this instrument is a true statement	
tills illistituacite is a cittle statemen	it of facts thefefin feeters.
Subscribed and sworn to before me	on this / ST day of
Subscribed and sworn to before the $N \in \mathcal{C}$, 19 \mathcal{E} .	on this day of
<u></u>	
	70.4
	July W. Bound
	Notary Public in and for the County of
	Midland, Texas
	My commission expires $\frac{1}{100}$



TO SECURE TO THE PROPERTY OF T