#### JAR CONTRUCT ON DIVISION P. O. Box 2088 ADMINISTRATIVE ORDER STATE OF NEW MEXICO SANTA FE, NEW MEXICO ENERGY AND MINERALS DEPARTMENT 87501 68 NFL 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 Ι. Langlie "A" Well No. 3 Operator Well Name and No. Dovle Hartman 24S 36E **Sec.** 36 Ι Twp. Rng. Location: Unit Cty. Lea II. 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. That by Order No. R-6013-A, dated February 8, 1980, the Division established an administrative (2) 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) Pool, and the standard spacing unit in said pool is 640 acres. \_-acre proration unit comprising the SE/4 NE/4 and NW/4 SE/4 (4) That a \_\_\_\_ 80 of Sec. 36, Twp. 24S, Rng. 36E, is currently dedicated to the Doyle Hartman H of said section. Ianglie "A" State Well NO.2 located in Unit That this proration unit is () standard (X) nonstandard; if nonstandard, said unit was previously (5) approved by Order No. NSP-525 (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 74,000 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

DONE	at Santa	a Fe,	New	Mexico,	on	this	4th	<u>a</u> day o	f February	, 19 <u>83</u> .
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							. 1	DIVISION	DIRECTOR	EXAMINER

Division may deem necessary.

		Received : Jan. 17, 1983 Suchune Date : Feb. 7, 1983 ADMINISTRATIVE ORDER
	OIL CONSERVATION DIVISION	Suspence Date : Feb. 7, 1983
	P. O. Box 2088	ADMINISTRATIVE ORDER
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COMMISSION REGUL	LATIONS, NATURAL GAS POLICY	ACT OF 1978
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erator Doyle Hartman	Well Name and No.	hanglie "A" Well No. 3
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ation: UnitSec36Twp	PRng(	Cty. <u>/C4</u>
DIVISION FINDS:		
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suant to the Natural Gas Policy A	Act of 1978 provides that, in	n order for an infill well to qualify
a new onshore production well und ill well is necessary to effective	ier Section 103 of said Act,	the Division must find that the
the proration unit which cannot h	be so drained by any existing	y well within that unit.
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cedure whereby the Division Direc	ctor and the Division Examine	ers are empowered to act for the
ision and find that an infill wel		
That the well for which a findi		
Pool, and the standar	d spacing unit in said pool	is <u>640</u> acres.
That a <u>80</u> -acre g	proration unit comprising the	SE/4 NE/4 and NW/4 SE/4
sec. <u>36</u> , Twp. <u>245</u> , I	ang. <u>36 E</u> , is currently	dedicated to the <u>Powle Hartmon</u>
nglie "A" State Well No. 2 locat	ed in Unit of sat	ld section.
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roved by Order No. NSP- 525		
That said proration unit is not	- being effectively and efficiency	tiently drained by the evicting
l(s) on the unit.		usualles of wit constantly
	on of the well for which a fi	inding is sought should result in
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That all the requirements of On	rder No. R-6013-A have been o	complied with, and that the well
which a finding is sought is nec	cessary to effectively and en	Eficiently drain a portion of the lned by any existing well within the
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lication should be approved.		
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IS THEREFORE ORDERED:		leasting to the second second second
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That jurisdiction of this cause	is retained for the enter a	of such further orders as the
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E at Santa Fe, New Mexico, on thi	is 4th day of the	aup. 19 83.
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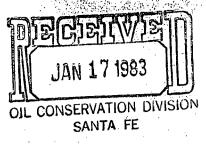
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DOYSE HARTMAN 6 Oil Optrator P. O. BOX 10426 MIDLAND, TEXAS 79702

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#### January 14, 1983

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#### Re: Administrative Procedure

Infill Finding . Lassi everies Letter Area Sectored in 2314 3 finding to the section and T-24-S, R-36-E at 1980' FSL & 330' FEL

### Lea County, New Mexico

b. Gentlemen:

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The volume of interested of Firste recovery expressed to D obtained and a name of the association in her the increment with determinæd:

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 Langlie "A" No. 3 located 1980, FSL and 330' FEL Section 36, T-24-S, R-36-E, Lea County, New Mexico.

C-104 and C-100 Mincluding Inclination E-With regard to our request; and in accordance with Order, R-6013-A, we submit the following: arther is the provide No. 3 (Infill Jalmar Call)

A copy of approved Form C-101 for the infill well and Form Rule 5 C-102) showing the production unit dedicated to the well are enclosed. (pressure Jalean a course operation unit).

The name of the pool in which the infills well has been drilled Rule 6 Jalmat ((Gas), Pool, and the standard spacing unit therefore is 640 acres.

Bile 11

Ail operators of promition of spaling write offsetting the The number of the Administrative Order, approving the Rule 7 non-standard proration unit and unorthodox location dedicated to the well is NSL-1628.

Table 1 attached to William P. Aycock's letter dated July 19, Rule 8 1982 shows the following:

State of New Mexico Jawary 14, 1983 Page 3

and the state of the

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

South Start Start

Very truly yours, DOYLE HARIMAN

Secky Eichinger, Administrative Assistant

/pe

### Enclosures

#### WILLIAM P. AYCOCK & ASSOCIATES, INC

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

JAN 17 1983

December 29, 1982

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

Attention: Mr. Mike Stogner

Subject:

Administrative Application for Infill Well Findings for Doyle Hartman's Langlie "A" No. 3 Well, Section 36, Township 24 South, Range 36 East, 1980' FSL and 330' FEL, Jalmat (Gas) 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-6013-A. The following constitute the requirements of the said Order:

Rule 5: Attached are copies of the 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, and the standard spacing therefor is 640 acres.
- Rule 7: The non-standard proration unit and unorthodox well location were approved administratively by Order No. NSL-1628, a copy of which is attached hereto.
- Rule 8: See attached Table No. 1, "Summary of Required Information, Rule 8, Exhibit "A", Order No. R-6013-A" for requirements of Sections "a." through "f.". Also required by 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." The Jalmat (Gas) Pool well to which the present 80-acre non-standard proration unit was assigned was the Doyle Hartman Langlie "A" State No. 2; this well produced 415 MCF in October 1982, with an accumulative gas production

New Mexico Departmant of Energy and Minerals, Oil Conservation Division December 29, 1982 Page 2

> of 681.8 MMCF. The estimated ultimate gas recovery for the Doyle Hartman Langlie "A" State 2 is 692.8 MMCF as of October 1, 1982, resulting in an estimated future gas recovery for this pre-existing well of 11.0 MMCF. The estimated future life is about twenty-four months. Accordingly, any producible gas reserves that remain beneath the subject lease would have been substantially not recoverable from the subject property without the drilling of the infill application well.

Rule 9:

Section a.

Requires that a formation structure map be submitted; attached is a Yates formation structure map of the immediate area containing the subject lease.

Section 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 Langlie "A" No. 3 is 74 MMCF. Since the gas to be recovered from the Doyle Hartman Langlie "A" State No. 2 is estimated to be 11 MMCF, the increased ultimated recovery is 63 MMCF. The estimate of increased recovery for the Doyle Hartman Langlie "A" No. 3 was accomplished as follows:

(1) Well logs for the Doyle Hartman Langlie "A" No. 3 were analyzed, resulting in the following:

Mean Porosity, Fraction of Bulk Volume 0.180

Mean Connate Water Saturation, Fraction of Net Effective Pore Volume 0.27

Net Effective Pay Thickness, Feet

Since the gross pay thickness constituting potential gas reservoir for the langlie "A" No. 3 is 63 feet, the above represents a net effective pay thickness to gross pay thickness ratio of 54 percent.

34.

(2) The production test for the Doyle Hartman Langlie No. 3 performed on December 27, 1982, was analyzed, resulting in the following:

New Mexico Departmant of Energy and Minerals, 0il Conservation Division December 29, 1982 Page 3 Stabilized Deliverability Coefficient, 0.010720 MCF/day per psia<sup>2</sup>, Initial Stabilized Wellhead Shut-in Pressure (Pc), psia 128.2 Initial Gas Formation Volume Factor scf/rcf 8.71 (3) The results of steps (1) and (2) were then combined, resulting in the following: Original Gas-in-Place MMCF/Acre 1.696 MMCF/80 Acres 135.7 Estimated Gas Recovery Factor, Fraction of Original Gas-in-Place 0.545 Estimated Ultimate Recovery, MMCF per 80 Acres 74.0 Other supporting data submitted include the following:

Well Log/Completion Summary for the pre-existing Doyle Hartman Langlie State "A" No. 2.

Gas Production History Tabulation and Graph for Doyle Hartman Langlie State "A" No. 2 (the pre-existing well).

Complete New Mexico Oil Conservation Division (NMOCD) Forms on file for both the pre-existing Doyle Hartman langlie State "A" No. 2 and the Infill Hartman Langlie "A" No. 3.

New Mexico Oil Conservation Division Order No. NSL-1628

New Mexico Department of Energy and Minerals, Oil Conservation Division P. O. Box 2088 Page 4

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, R.E.

WPA/pkm

Enclosures

a ...

#### 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, OPERATOR*	INFILL APPLICATION WELL DOYLE HARTMAN, OPERATOR
a •	Lease Name and Well Location	Langlie "A" State No. 2	Langlie "A" No. 3 330' FEL & 1980' FSL
b.	Spud Date	January 3, 1949	December 8, 1982
с.	Completion Date	February 14, 1961 in Jalmat Pool	December 27, 1982
d.	Mechanical Problems	Originally Completed in Langlie Mattix February 6, 1949; Langlie Mattix abandoned February, 1961 due to "fish" with top at 3281'.	None
			0.105 100 vor /1
e. f.	Current Rate of Production Date of Plug and Abandonment	13.4 MCF/day in October, 1982 Not Plugged	C-105: 132 MCF/day Not Plugged

\*Drilled by Shell Oil Company; Operator changed to Petroleum Corporation of Texas June 1, 1970; Doyle Hartman became Operator November 2, 1982. Υ.

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In. Type of Work			JAN .	DIVIS	US Unit Agre	ement Name		
b. Type of Well DRILL X		DEEPEN 🗌	PLUP	TE VACE -		1		
	l	•	ALL CONSERVE	TA FE		ease Name		
2. Name of Cretator	O . HER		ZONE	2011	9. Well No.	.e A		
Doyle Hartman			and the second		3			
3. Address of Operator				<u></u>		d Poci, or Wildaat		
Post Office Box 10	0426. Midland.	Texas 79702	· .		Jalmat			
4. Location of Well			C	-L	111111	innin ;		
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			3400	Yates-Se	ven Rive	rs Rotary		
21. Elevations (Show whether DF,	KT, etc.) 21A. Kind	6 Status Plug. Bond 21				. Date Work will start		
3254.3 GL	Multi	Well-Approved	Cactus		Decemb	er, 1982		
23.	F	ROPOSED CASING AND	CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF	CEMENT	EST. TOP		
12-1/4	9-5/8	36.0	400	300	U.S. CIT	Surface		
8-3/4	7	23.0	3400	700		Surface		
· · · ·		l		1	l			
This proposed well will be drilled to a total depth of 3400 feet and will be evaluated for Jalmat (Yates-Seven Rivers) oil potential. In the event that the well is not completed as a Jalmat (Oil) producer, the well will be completed as a Jalmat Gas producer on a previously existing 80-acre Jalmat Gas proration unit consisting of NE/4 SE/4 and SE/4 NE/4 of Section 36. From the base of the surface pipe through the running of the production casing, the well will be equipped with a 3000 PSI double ram BOP system. <u>NOTE</u> : Any gas produced from the proposed well has been previously dedicated to El Paso Natural Gas Company.								
I ABOVE SPACE DESCRIBE PR	DPOSED PROGRAM: IF	PROPOSAL 13 TÔ DEEPEN OR	( <u>L</u>	PROVAL VAL ERMIT EXPI INLESS DR.	RES 12	180 DAYS 13183 DERWAY AND PROPOSED NEW PRODUC-		
hereby certify that the informatio	n above is true and comp	lete to the best of my kng	wledge and belief.					
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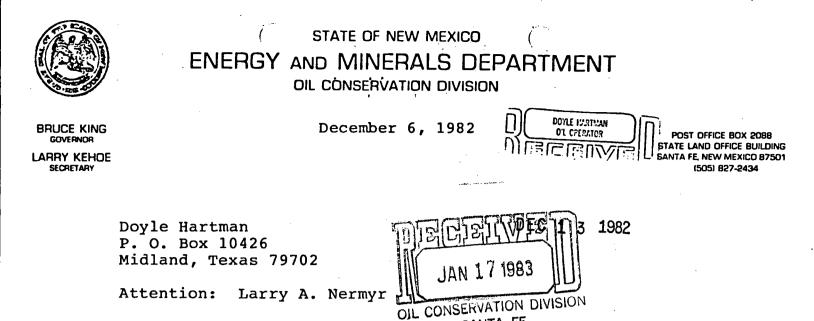
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DOYLE HARTMAN	LANGLIE "A"	
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	·	Engineer
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N) 061 62 1321 1691 2317 2642 2.1		John W. West, N.M. \$676

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Gentlemen:

Reference is made to your application for approval of a non-standard location for your Langlie "A" Well No. 3 located 1980 feet from the South line and 330 feet from the East line of Section 36, Township 24 South, Range 36 East, NMPM, Jalmat Gas Pool, Lea County, New Mexico.

Also, you are hereby authorized to simultaneously dedicate an existing 80-acre proration unit comprising the NE/4 SE/4 and SE/4 NE/4 of said Section 36 to the above-described well and your Langlie "A" State Well No. 2 located in Unit H of said Section 36. Further, you are hereby permitted to produce the allowable from any of the wells on the proration unit in any proportion.

By authority granted me under the provisions of Rule 3 of Order No. R-1670, the above-described unorthodox location is hereby approved.

Sincerely

Administrative Order NSL-1628

JOE D. RAMEY; Director

JDR/RLS/dr

cc:

Oil Conservation Division - Hobbs Oil & Gas Engineering Committee - Hobbs Oil & Gas Division - State Land Office - Santa Fe

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# GAS PRODUCTION HISTORY

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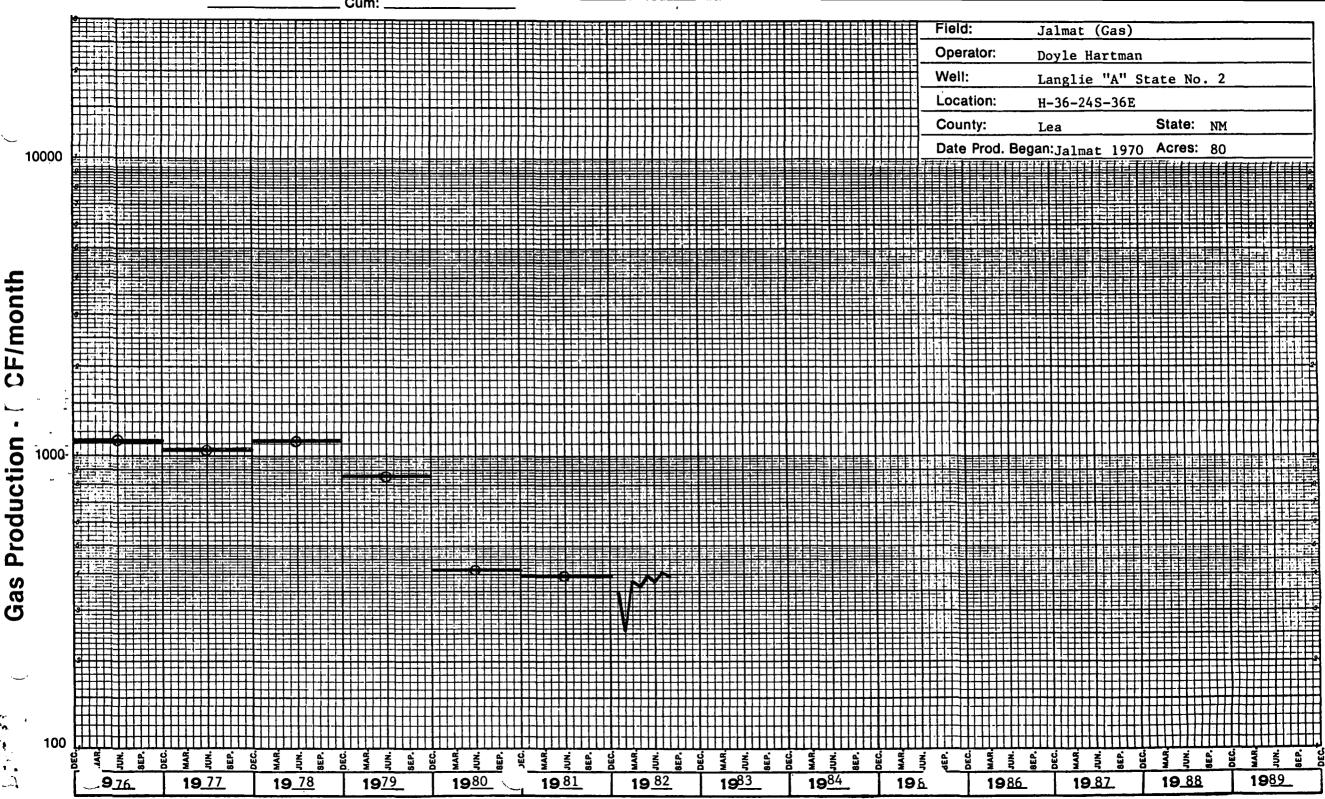
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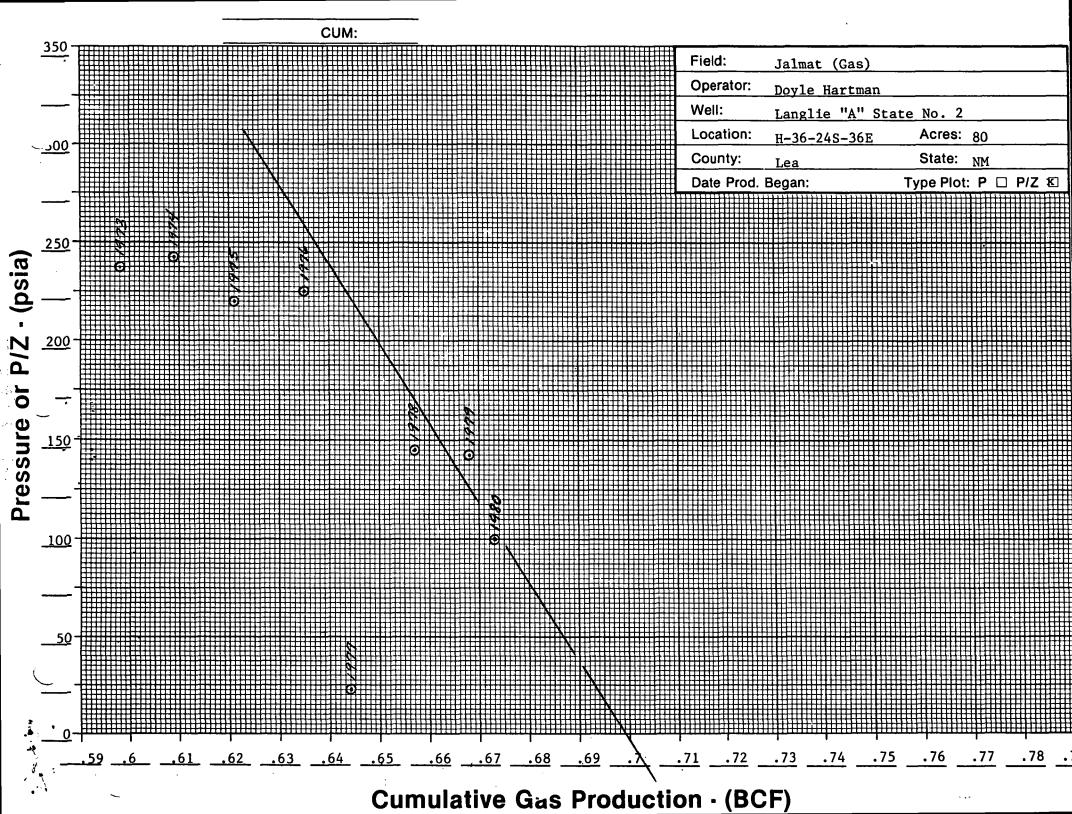
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1973				<u> </u>		· · · · · · · · · · · · · · · · · · ·	
1974		11534	961	609.7	222.2	230	
1975		12114		621.8	213.2	220	
1976		13407	1117	635.2	217.2		
1977		9405	1045	644.6	23.2	23	
1978		13259	1105	657.8	142.2	145	<u> </u>
1979		10389	866	668.2	135.2	140	
1980		5212	434	673.4	99.2	100	
1981		4695	391	678.1	99.2	100	
1982		<u> </u>	<u></u>	<u> </u>		·	<u> </u>
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	10 82	_ Detail Summary			19	Detail Summary	
Jan	343	-	403	.lan			
	259	•	399			4	
	378	÷				Sept	
	368	- · ·				Oct	
	391		 			Nov	
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June	/	000	<u></u> .			· · · · · · · · · · · · · · · · · · ·	<u></u>
Production	(Y-T-D)			Ava. Rate (	Y-T-D)	, , , ,	. <sup>1</sup> 1
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A	· · · · · · · · · · · · · · · · · · ·			,	•					For	n C-105 F		
ULT SUIT SIL	N				i.	1.							
SANTA PE			NEW	MEXICO	οιι τα	NERVATIO	N C	OMMISSIC	ИС		Cate Type		<b>ר</b> ח
FILC			VELL COMPL	ETION	OR REC	COMPLETIC	)N F	REPORT	AND LOG	· L	<u> </u>	Fea	
U.5.G.5.					<b>1</b>	COMPLETIC Completion	L		182	5, State	CHA Ge	Centre from	
LANDOFFICE					e 1	1 and	7	12/21	102				_
OPERATOR					·	Don				$\Delta \Pi \Lambda$	(IIII)	1111111	M
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& TYPE OF COME	LTION	WILL	LLJ WLL	- box	DHY				<del>}</del>	R, Farm	or Lease	Naine	
NEW X W			PLU		NIFF.	ר און	11	$\frac{1}{17}$	1983 III	Lan	0110 "	A" State	
2. Nong of the to		DEEPEN	Ц ВАС	<u> </u>	ITEVA.L_		JP	114 1	<u> </u>	9. Well		n State	
Doyle 1	Hartma	n				كالك			ON DIVISIO				
J. Address of r person				<u></u>			<u>ON</u>	SERVAIL			d und L'out	, or Wildcat	
		106	)(; )] )	m	70700			SANTA	re.	j			
	box 10	420,	Midland,	Texas	/9/02	<u></u>				Jal	mat (G	as)	
4. Location of Well								· • • • • • • •		11112	//////		(H)
										$\forall 1111$	//////		111
UNIT LETTERI	LOCA	TED	1980	FROM THE _	Sout	h LINE AND		330	FEET FROM	/////		///////	())
				_		111116	17	11111		L. Jour	.1y	inititi (	TT I
THE Track LINE OF	516.36	TW					$\prime\prime\prime$	MMM	//////	Ion			1111.
THE East LINE OF 15. Date Urudoed	16. 1/01	e T.D. he	achea   17, Date	Const. //	heady to	Prod. J 116, 1	Levo Levo	tions (DF	. RKB, RT, C	K, etc.)	19. Liev. (	Cashinahead	777
12/8/82		2/15/82	- I	12/27/8				54.3 G			3254		
20. Totai Eesth	1		Pitek T.D.			le Compl., Hoy			als , hotar			le Tools	
3367		21. 6109			Many	te congit, no		Drille		3367	, Cub	_	
		L	3039						<u> </u>				
24. Froqueing Interval(	s), of this	compietio	on - Tep, Botto:	n, Manie							15. Was Mad	Directional Si e	arvey
27	85-287	7 w/20	) (Yates)								yes	5	
		-	(/									-	
E. Type Electric and C	her Log:	s Hur:								27	Was Well	Cored	
CD	L-DSN-	GR and	l Guard For	rxo							No		
2.	·····		CA	SING PEC	ORD (Rep	ort all strings	set	in well)					
CASING SIZE	WEIG	HT LB./F	· · · · · · · · · · · · · · · · · · ·					~	NTING REC	ORD	AI	MOUNT PULL	ED
9 5/8"		6.0	40		÷	1/4		<del></del>	sx (cir				
<u>ארכ אין אין אין אין אין אין אין אין אין אין</u>													
		3.0	336	00	0	3/4		075	sx (cire		╾┼╼┸	one	
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<u>s.</u>			IER RECORD	т	·		+	30.		UBING RI		<u>·</u>	
SIZE	T01	2	воттом	SACKS C	EMENT	SCREEN		SIZE	DE	PTH SET		PACKER SET	
				L				2 3/8"	<u> </u>	07			
				l			1	·				······	
i. Perforation Record (	Interval,	size and n	umber)			32.	ACID	, SHOT, F	RACTURE,	CEMENT	SQUEEZE	ETC.	
			_			DEPTH	INTE	RVAL	AMOU	NT AND	KIND MAT	ERIAL USED	
20 holes w						2785-	287	7	A/ 53	00 Gal	. 15%	MCA	
2789, 2794	, 2798	, 2802	, 2810, 28	313, 28	16,								
2825, 2831	, 2834	, 2838	, 2842, 28	45, 28	48,				<u>.</u>				
2863, 2867	, 2870	, 2873	, 2877					<u> </u>					
·····					PROD				I				
ale First Froduction		Froducti	ion Method (Flow	tine eas l	· · · · · · · · · · · · · · · · · · ·		INPE			Well Str	itus (Prod.	or Shut-in)	
		1				•						-	
12/24/82			ing 6 SPM.				oum	p Gos – MCi	17 Nato	<u>  50</u>   Ell.	ut-in	Dil Fictio	
12/26/82	Hours Te	ested	Choke Size 22/64	Frod'n. Test Pe		Cil = Ebl.	1	132	6		005-0		•
12/20/02	24		22704	.]	<u>&gt;  </u>		_1						
low Tubing Press.	Casing I	ressure	Calculated 24 Hour Hute	- Oll – Bi	cl.	Gas - 150	с¥.	We L	ater – BEl.	C	hl Gravity	- API (Corr.)	ļ
	FCP='	51 psi.				132	2		6				
. Disposition of Gas (			vented, etc.)						Test	Witnessed	Hy		
Nont - J									ŕ.	Harol	d Swain	n	ļ
Vented		<u> </u>											
. I hereby cerufy that	ah a ind							he best of	my the sector of a	e and heli	rl.		
, a nereby certify that	ine injorn	atton sho	un on Doth Sides	oj the <b>s j</b> o	rm IS IIV	e ana compiete	10 11	ac vest 0]	y nanatrag		- <i>p</i> -		
L.									2				
SIGNED To	, (1	16	<u></u>	, TIT	LE	Engine	er_		·	DATE	12/27	/82	
									5				i
									ii Q				

Due togage to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-diffed or despend with it shall be access much by one copy of all electrical infradio-activity logic run on the well and a summary of all special tests con-duct?, they due drift stem tests. All depths reported shall be medified do this. In the case of directionally drifted 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 exception state land, where six copies are required. See Jule 1105.

#### INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

5. . t 1

5000	eastern New Mexico	Northwe	stem New Mexico
T. Anhy1110	T. Canyon	T Ojo Alamo	T. Penn. "B"
T. Salt1212	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt2630	T. Atoka	T. Pictured Cliffs	T. Penn, "D"
T. Yates2783	T. Miss	T Cliff House	T. Leadville
T. 7 Rivers <u>2992</u>	T. Devonian	T. Menefee	T. Madison
Т. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
	•	•	T. Ignacio Qtzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T, Paddock	T. Ellenburger	T. Dakota	
T, Blinebry	T. Gr. Wash		тт.
T. Tubb	T. Granite	T. Todilto	T
			T
Т. Аво	T. Bone Springs	T. Wingste	T
			т
T. Penn	T		<u> </u>
T Cisco (Bough C)	T		T
No. 1, from	01L 0R 	GAS SANDS OR ZONES	<b>to</b>
No. 2, from			to
No. 3, from			
	IMPO	RTANT WATER SANDS	
Include data on rate of water is	nflow and elevation to which wat	er rose in hole.	4
No. 1, from	••••••••••••••••••••••••••••••••••••••		
No. 2, from			
No. 3, from		feet	

No. 4, from.....to......

FORMATION RECORD (Attach additional sheets if necessary)

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From	То	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1110	1212		Anhydrite				
1212	2630		Salt and Anhydrite			[	
2630	2783	153	Dolomite and Anhydrite				
2783	2992	209	Dolomite and Sandstone				
2992	3364	372	Dolomite and Sandstone				
- 1		1 1				1	5
							9
						-	
1							

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FILE RĮOU	DIL CONSERVATION COMMISSION LST FOR ALLOWABLE AND	Parm C+104 Supersedes Old C+104 an Difective 1+1+65
LAND OFFICE	TRANSPORT OIL AND NATUR	AL GAS
IRANSPORTER UIL GAS	TRANSPORT OIL AND NATUR	127/82
PROPATION OFFICE		GIGINIAND
Doyle Hartman Andress		
P. O. Box 10426 Midland, Texas	79702	JAN 17 1983
Reason(s) for filing (Check proper box) New Wall IX Change in Transporter of:	Other (l'lease esplain) OIL CO	NSERVATION DIVISION
	y Gos	
If change of ownership give name and address of previous owner		
DESCRIPTION OF WELL AND LEASE.	c Formation Kind of L	COSP
Langlie "A" State 3 Jalmat (Gas	·	derol cr Fee State B-116
Unit LetterI :1980 Feet From The South	Line and 330 Feet Fr	om The East
Line of Section 36 Township 245 Barige	36E , NMFM, Le	aCoun
DESIGNATION OF TRANSPORTER OF OIL AND NATURAL		proved copy of this form is to be sentj
Name of Authorized Transporter of Casinghead Gos or Dry Gas	Address (Give address to which ap	proved copy of this form is to be sent)
El Paso Natural Gas Company If well produces cil or liquids, Unit Sec. Twp. Fige.		When
If this production is commingled with that from any other lease or poo	l, give commingling order number:	Jan. 1983
COMPLETION DATA	New Well Workover Deepen	Plug Back <sup>1</sup> Same Res'v. <sup>1</sup> Dill. Rei
Designate Type of Completion - (X)	× ×	
Date Spudded Date Compl. Ready to Prod. 12/8/82 12/27/82	Total Depth 3367	Р.В.Т.D. 3039
Elevations (DF, RKB, RT, GR, etc.) Name of Producing Formation	Top Oll/Gas Pay	Tubing Depth 3007
3254.3 GL Yates	2785	Depth Casing Shoe
2785 - 2877 ( Yates )		3366
TUBING, CASING, AI HOLE SIZE CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12 1/4 9 5/8	401	250 sx (circ)
8 3/4 7	3366	675 sx (circ)
NEST DATA AND REQUEST FOR ALLOWABLE (Test must be able for this a	after recovery of total volume of load o lepth or be for full 24 hours)	il and must be equal so or exceed sop all
Date First New Cil Run To Tanks Date of Test	Producing Method (Flow, pump, gas	lift, etc.)
Length of Test Tubing Pressure	Casing Pressure	Cheke Size
	Water-Bbis.	Gas - MCF
Actual Pred, During Test Cil-Bbis.	Water - SDie.	
AS WELL	·	
Actual Frad. Seat-MCF/D Length of Test	Bbla. Condenante/MMCF	Gravity of Condensate
132         24 hours           Irealing Method (pitol, back pr.)         Tubing Piersone (Sunt-In)	Casing Fressure (Sbat-18)	Choke Size
Orfice Tester	FCP=51 psi (SØCP=11)	
ERTIFICATE OF COMPLIANCE		ATION COMMISSION
hereby certify that the rules and regulations of the Oil Conservation	APPROVED	. 15
eministion have $t = 0$ complied with and that the information given over 13 true and complete to the best of my knowledge and belief.	BY	
	11TLE	
	This form, is to be filed in	compliance with AULE 1104.
Langli 16	If this is a request for ello	wable for a newly drilled or deepen- waled by a tabulation of the deviation
(Synature)	I tosta laken or the well in such	nidence with RULL 111. urt be fished out completely for ellow
(1 ule)	white on new and recompleted, w	inglin.
$D_{\mathcal{C}} \leq 1: 1: 1: 1: \mathcal{C} = \mathbb{N}  \mathcal{Q}_{\mathcal{T}}, 1: \mathcal{C} \neq \mathcal{L}$	Well name or mumber, or francism	II. III. and VI for changes of evener even or other such change of conditions
1	Separate Forma C-104 mu	it be filed for each pool in mulity :

completed velle. 11

		INCL INAT	ION REPORT	
	YLE HARTMAN		ADDRESS P.O. BOX 10	426, MIDLAND, TEXAS 7970
LEASE NAME			_WELL NO3_FIELI	DEC 2 1 1982
DEPTH	ANGLE INCL INAT ION	DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
430 960 1556 2115 2617 2708 3000 3367	$ \begin{array}{r} \frac{1}{4} \\ 3/4 \\ 3/4 \\ 1 3/4 \\ 2 3/4 \\ 2 3/4 \\ 2 3/4 \\ 2 \\ 1 \frac{1}{2} \end{array} $		1.8920 6.9430 7.8076 17.0495 24.0960 4.3680 10.1908 9.6154	1.8920 8.8350 16.6426 33.6921 57.7881 62.1561 72.3469 81.9623

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

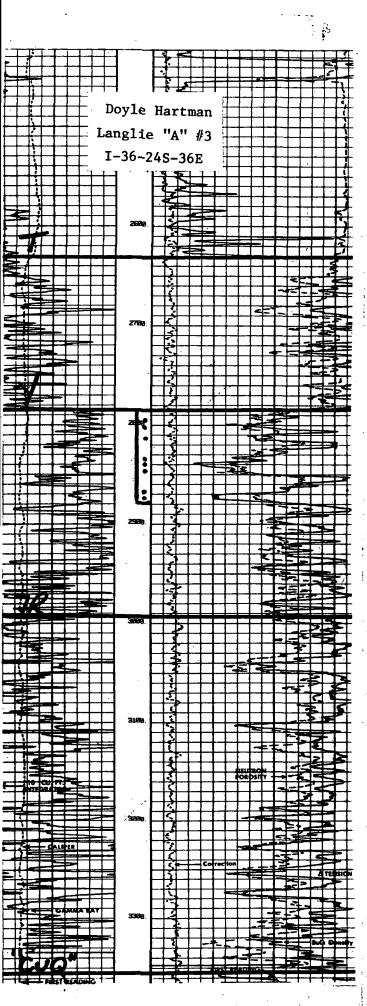
TITLE DEBBIE CLARK, OFFICE MANAGER

AFFIDAVIT:

Before me, the undersigned authority, appeared DEBBIE CLARK known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

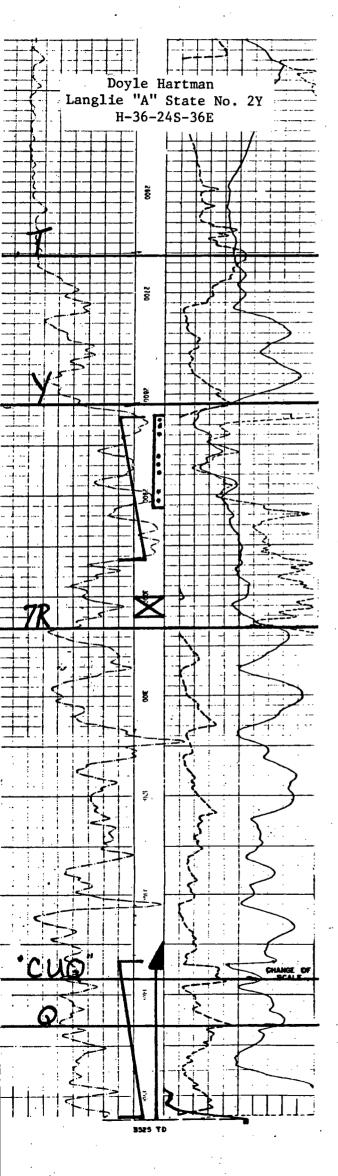
AFFIANT'S SIGNATURE

Sworn	and subscribed to in my presence on this	the	20TH	_day	of	DECEMBER	,	19 <u>82</u>
	OFFICIAL SEAL				•			
	GARLIN R. TAYLOR	_	Notary P			and for the	Cour	
SEAL	NOTARY EOND FILED WITH BECRETARY OF STATE MY COMMISSION EXPIRES FEBRUARY 6, 1984					New Mexico	0000	,



	Doyle Hartman				
<u> </u>	· · · · · · · · · · · · · · · · · · ·				
WELL	Langlie "A" State No. 3				
·					
FIELD	Jalmat (Gas)				
	1980 FSL & 330 FEL (I)				
	Section 36, T-24-S, R-36-E				
	Lea				
	New Mexico				
ELEVATIONS:	кв <u>3264</u>				
	DF				
	GL 3254				

	COMPLETION RECORD
SPUD DATE	12-18-82 COMP. DATE 12-27-82
	3367 рвтр 3039
CASING RECO	RD 9 5/8 @ 401 W/250
	7 @ 3366 W/675
PERFORATING	RECORD Perf: 2785-2877 W/20
	(Yates)
STIMULATION	A/5300
· · ·	
<u></u>	
<u></u>	
IP	IPF=132 MCFPD
GOR	GR
TP	CP =51 (SICP=115)
CHOKE	22/64 TUBING 2 3/8" @ 3007
DST RECORD	
	Pump arrangment: 6X64X13
REMARKS	



	• · · · · · · · · · · · · · · · · · · ·
COMPANY	Doyle Hartman
	(Petco, Shell)
WELL	Langlie "A" State No. 2Y
	(Shell State No. 2A)
FIELD	Jalmat (Gas)
	1980 FNL & 735 FEL (H)
	Section 36, T-24-S, R-36-E
	Lea
	New Mexico
ELEVATIONS:	КВ
	DF3265
	GL

COMPLETION RECORD
SPUD DATE 1-3-49 COMP. DATE 2-6-49
тр 3525 рвтр
CASING RECORD 8 5/8 @ 365
5 1/2 @ 3375
PERFORATING RECORD OH: 3375-3525
STIMULATION Natural
IP IPF=50 BOPD + 2 BWPD
GOR GR
тр 410 ср 520
СНОКЕ 16/64 TUBING @
DST RECORD DST 2822-2963: OP 0:40. GTS
2 min @ 2900 MCFPD. FP=900.
DST 3368-3525; OP 3:20. FTS
in 40 min @ 100 BFPD. 40% Oil.
<u>2-14-61 PB @ 3000. Perf 2825-2912</u>
W/10. SF/27000. CAOF: 2200 MCFPD.
Well completed as Jalmat (Gas) producer.
REMARKS
1-1-82 Cum: 678.1 MMCF
10-82 Prod: 13 MCFPD

LIST RIBUTION SANTA FE FILE	REQUEST	CONTERVATION COMMUSION T FOR ALLOWABLE AND RANSPORT OIL AND NATUR	
LAND OFFICE INANSPORTER DIL GAS OPET/TOR I. PROINATION OFFICE Operation DOVIE HADTMAN		TOTECTET	NOV 1 7 1982
Reason(s) for filing (Check proper box New We!1 Recompletion	Change in Transporter of: Cil Dry G	OIL CONSERVATION OIL CONSERVATION Other (PirasAVITAIN)	DN DIVISION
Change in Ownership X If change of ownership give name and address of previous owner II. DESCRIPTION OF WELL AND	Petroleum Corporation (		11, Breckenridge, Texas 762
Lesse Nome Langlie "A" State Locollon Unil Leller <u>H</u> : 19	2 Jalmat-Yates	es (Gas) Store, Fr	From The East
II. DESIGNATION OF TRANSPOR None of Authorized Transporter of Oil None of Authorized Transporter of Car El Paso Natural Gas Co	TER OF OIL AND NATURAL GA	AS Aid:ess (Give address to which a	approved copy of this form is to be sentj approved copy of this form is to be sentj
If well produces cil or liquids, give location of tanks. If this production is commingled with V. COMPLETION DATA Designate Type of Completion Date Spudded	ith that from any other lease or pool,	Yes	2-14-61
Elevations (DF, RKB, RT, GR, etc., Perforations	Name of Froducing Formation	Top O!!/Gas Pay	Tubing Depth     Depth Casing Shop
	TUBING, CASING, AND CASING & TUBING SIZE	D CEMENTING RECORD	SACKS CEMENT
V. TEST DATA AND REQUEST FO OIL WEIL Date First New Oil Hun To Tonks Length of Test	OR ALLOWABLE (Test must be af able for this dej Date of Test Tuking Pressure	fier recovery of total volume of load epth or be for juli 24 hours) Froducing Method (Flow, pump, go Casing Fierswe	d oil and must be equal to or exceed top allo gas lift, etc.) Choke Size
Actual Fied. Duting Tool GAS WELL	С1) - Вы.	Water - Bbjs.	Gas - MCF
GAS WFLL Actual First, Tool-VEF/D Teoling kieltad (pilol, back pi.)	Length of Test Tubing Presewe (Chut-in)	Bbls. Cordensale/MMCF Cosing Pressure (Sbut-in)	Gravity of Condensate Choke Size
I. CLUTHICATE OF COMPLIANC I hereby certify that the rules and re Commission have been complied wi above is true and complete to the	regulations of the Oil Conservation with and that the information given	APPROVED	S INSRECTOR
ENGINEER	ile)	This form is to be filed If this is a request for a well, this form must be acco- tests taken on the well in a All sections of this form ship on new and recompleted	d in compliance with RULE 1104, alloweble for a newly drilled or deepend ompanied by a tabuletion of the deviation accordence with RULE 111. In must be filled out completely for elled ed walls.
NOVEMBER 2, 19	982	Fill out only Sections : well name or number, or trans	1, 11, 111, and VI for changes of owner sporter, or other such change of condition

•					موسع المعطور والعربين الأربع					
NO. OF COPIES RECEIVED		NEV	MEXICO OIL CO	NSERMADINCO	AND IS LIGHT 2		Form C-10 Supersede C-102 and Effective	s Old C-103		
TILE J.S.G.S. AND OFFICE DPERATOR				- CONSEP	17 1983 RVATION DIV		5a. Indicate T State X 5. State Oil 6		Fee.	
(DO NOT USE THIS # US	SUNDRY	NOTICES A	ND REPORTS O	N WELLS	INT RESERVOIR.		7. Unit Agreer			
OIL GAS WELL WE Name of Operator		OTHER-					B. Form or Lee		- Gnie	
etroleum Corj Address of Cperator							Langlie 9. Well No.		"A"H	
OX 911, Bro			as 76024		735	(	2 10. Field and Jalmat	Pool, or Wild	icat	
THEEast						_ NMPM.				
				5' DF			2. County Lea			
NOTI		ENTION TO	ox To Indicate : :		-		REPORT O	F:		
ERFORM REMEDIAL WORK			PLUG AND ABANDON	REMEDIAL WORK COMMENCE DRILL CASING TEST AND OTHER P1U	LING OPNS.	anglie	PLU	ERING CASING S AND ABANDO X ZONE	님	   
QTHER		(C)		]					(	• <del>, -</del>
Describe Proposed or C work) SEE RULE 1 103. 1-3-72 M	1IRU wel	l servi.	ce unit. I	Pulled and	laid d	own si			y proposea	ſ
1-4-72	Swab dow 5-1 land cone - t	n 2-7/8 ing nip emporar	" tubing ar " tubing. ple @ 2920' ily abandor 2814'. Pu	Otis set '. (This ned). Oti	retriev isolate s openeo	able p s Lang d slid	glie Ma ling sl	ttix eeve in	i ;ht.	
		_	e through t							
1-6-72 S F	wab Jal roducti	mat zon .on. Re	e, zone kic lease well	ked off, service u	placed on it.	on piŗ	oe line	for		
<u>1</u>	<u>his is</u>	a singl	e completic	on from Ja	lmat 201	ne.				
				(						_
I hereby certify that the Mary	Information ab	ove is true and					6	-6-73		-
	Ker K	D		<u>aoitton</u>	incist		DATE	····	177	
NOTIONS OF APPROVA	•	Unifa		1-36	24- [	<u>, (</u> , ,	DATE			•
								میزیده در با این میزیده میکارد. میکور این میکارد. میکور این میکور میکو		

1. T. T. S.

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				53			
NO. OF COPILS RECEIVED		,	ь с	3			
DISTRIBUTION SANTA FE				TION COMMISSIC	ON	Form C-104 Supersedes Old	· · · · · · · · · · · · · · · · · · ·
FILE	-	REQUESI	FOR ALLC		ł.	Supersedes Old Effective 1-1-65	C-104 and L-11 5
U.S.G.S.	AUTHORIZAT				URAL GAS		
	_			Jul	man (2)		
TRANSPORTER GAS	-		T	ाहिएग्रिडी	WE3III	ļ	
OPERATOR	-			المعالم المعام الم			
PRORATION OFFICE	1	··		JAN 17	1983		
Operator Petroleum Corporatio	on of Texas	1	<u>L</u> Y		TONI DIVISIO	N N	/
Address				IL CONSERVAT	A FE	·	
	eckenridge, Texa	as 7602	24	SANT		<b>[5</b> ]	
Reason(s) for filing (Check proper box			< Ot	Operator			
New Well	Change in Transpor Oil	orter of: Dry Ga				be effectiv e change on	
Change in Ownership	Casinghead Gas	Dry Gu		from Staf	te "A" to 1	Langlie-Star	E TAtal
If change of ownership give name and address of previous owner	Shell Oil Co	ompany, Bc	ож <u>1509,</u>	Midland, T	exas 797(	01	
						<u></u>	
DESCRIPTION OF WELL AND Lease Name		11 No. Pool Nar			Kind (	of Lease	
Langlie State "A"		Jalm	nat (Gas)(	(Yates)		, Federal or Fee	State
Location		Lang	<mark>glie Matt</mark> i		<u></u>		
Unit Letter_H; _198	80 Feet From The 1	NorthLin	ne and	_735Fe	et From The	East	
Line of Section 36 , Tow	ownship 24S	Range	36E	, NMPM,		Lea	County
DESIGNATION OF TRANSPORT					ų. 		
Name of Authorized Transporter of Oil	1 X or Condensate		Address (Giv			y of this form is to l	be sent)
Texas-New Mexico Pipe Name of Authorized Transporter of Cas	e Line Company	······································	Box 1510 Address (Giv		nd, Texas	79701 y of this form is to l	ha cont )
El Paso Natural Gas		പ്	Box 1384		ew Mexico	88252	Je semy
If well produces oil or liquids,	Unit Sec. Twp.		Is gas actual	illy connected?	When		
give location of tanks.	Н 36 24	4S 36E	Ye	28	2-14-	-61	]
If this production is commingled wit	th that from any other le	ease or pool,	give comming	gling order numt	oer:		
COMPLETION DATA	(X)	Gas Well	New Well	Workover Dee	epen Plug B	Back   Same Res'v.	Diff. Res'v.
Designate Type of Completio	I	······································		, , , , , , , , , , , , , , , , , , , ,		   	
Date Spudded	Date Compl. Ready to Pr	od.	Total Depth		P.B.T.	.D.	
Pool	Name of Producing Forms	ation	Top Oil/Gas	; Pay	Tubine	g Depth	
				•			
Perforations	· ·		·	·····	Depth	Casing Shoe	
· · · · · · · · · · · · · · · · · · ·	TUBING. (	CASING, AND	CEMENTIN	C PECORD	<u>.</u>		
HOLE SIZE	CASING & TUBIN		·	DEPTH SET		SACKS CEME	NT
·							
	<u>+</u>	+	<u>├</u>	<u> </u>		<u> </u>	1
TEST DATA AND REQUEST FO	OR ALLOWABLE (7				load oil and must	be equal to or exce	eed top allow-
OIL WELL	al	able for this dep	pth or be for fu	ull 24 hours)	1		
Date First New Oil Run To Tanks	Date of Test	1	Producing me	ethod (Flow, pump	, gas lijt, eic.,		
Length of Test	Tubing Pressure		Casing Press	sure	Choke	Size	
	l		l				;
Actual Prod. During Test	Oll-Bbls.		Water - Bbls.		Gas - M	CF	
1	<u> </u>	Ł			<u> </u>		, <b>م</b> سمع
GAS WELL					ł		
	Length of Test		Bbis. Condens	sate/MMCF	Gravity	y of Condensate	
Testing Method (pitot, back pr.)	Tubing Pressure		Casing Press		Choke S	<b>T</b> a _	
Testing Method (public vacantic)	Tubing Pressur		Casiny	ure		šize .	
CERTIFICATE OF COMPLIANC		ji			ERVÁTION C	COMMISSION	
	E.		1	) .	JUL Z	_1970	8
hereby certify that the rules and re	egulations of the Oil Cr	onservation	APPROVE		AZ	JUTU, 19	
Commission have been complied will above is true and complete to the J	ith and that the information best of my knowledge a	ation given	BY	tolt	Y Am	up	
シーン イロー				SUPERVISOR	A DISTRIC	1	
m n 1							- ^ A
Manif ??? JUS	hular			·	- allowable for	ce with RULE 11 a newly drilled o	or deepened
(Signatu			well, this f	form must be acon on the well in	ccompanied by a	a raputation of the	e deviation
Production Clerkin			All sec	ctions of this fo	orm must be fille	led out completely	y for allow-
July 1, 1970	le)		able on nev	w and recomplet	eled wells.	only for changes	s of owner.
JULY 1, 1770		II		ut Sections 1, 1	,I, III, and ve-	er such change of	f condition.

(Date)

able on new and recompleted wells. Fill out Sections I, II, III, and VI only for changes of owner, well name or number, or transporter, or other such change of condition.

	( ) i	C .	• • •
U OF COPIES RECEIVED			<b>A J</b>
DISTRIBUTION			
SANTA FE		CONSERVATION COMMISSION	Form C-104 Supersedes Old C-104 and C-1
FILE		ANID	D B Effective 1-1-65
U.S.G.S.	윤 AUTHORIZATION TO T	RANSPORT OIL AND NATURAL	GAS
	C 93	ULI 1125	441 BD
TRANSPORTER GAS		THAMPAT MARKING	
OPERATOR		10127[C718]11, V 12	
PRORATION OFFICE	· .		<u>]     </u>
Shell Oil Company (W	Vestern Division)	JAN 17 1983	
Address		OIL CONSERVATION DIV	/ISION
P. O. Box 1509, Midl	and, Texas 79701	SANTA FE	
Reason(s) for filing (Check proper		Other (Please explain)	N
New Well Recompletion	Change in Transporter of: Oil Dry (	Gas Change_in_Leas	
Change in Ownership			$\frac{1}{2}$
CHANGE			
If change of ownership bive name and address K previous owner	·		····
DESCRIPTION OF WELL AN			•
Lease Name	Well Nc. Pool N	Name, Including Formation	Kind of Lease B-1167
State 🖉 🕂	2Y Ja	lmat (Gas) Yates	State, Federal or Fee State
Location			
Unit Letter <u>H</u>	1980 Feet From The North L	ine and 735 Feet From	The <u>East</u>
Line of Section 36	Township 245 Range	36Е , ммрм,	Lea County
	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
DESIGNATION OF TRANSPO	Condensate X	AS Address (Give address to which appro	oved copy of this form is to be sent)
Texas-New Mexico Pipe		P. O. Box 1510, Midland	1
Name of Authorized Transporter of (		Address (Give address to which appro	
El Paso Natural Gas (		P. O. Box 1384, Jal, Ne	
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. P.ge. H BG 24S 36E		February 14, 1961
	with that from any other lease or popl	· · · · · · · · · · · · · · · · · · ·	<u> </u>
COMPLETION DATA			
Designate Type of Complet	tion - (X)	New Well Workover Deepen	Plug Back Same Res'v. Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Pool	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
Perforations	<u> </u>		Depth Casing Shoe
·	TUBING, CASING, AN	D CEMENTING RECORD	······································
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
<u> </u>	<u> </u>	· · · · · · · · · · · · · · · · · · ·	
TEST DATA AND REQUEST		after recovery of total volume of load oil epth or be for full 24 hours)	and must be equal to or exceed top allow-
OIL WELL Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas li	fi, etc.)
			·
Length of Test	Tubing Pressure	Casing Pressure .	Choke Size
Actual Prod. During Test	Oil-Bhis.	Water-Bbls.	Gcs-MCF
	·		
	·	· · ·	
GAS WELL Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Preasure	Casing Pressure	Choke Size
			<u>ا</u>
CERTIFICATE OF COMPLIAN	iCE	OIL CONSERVA	TION COMMISSION
hereby certify that the rules and	regulations of the Oil Conservation	APPROVED	, 19
Commission have been complied	with and that the information given	BY	****
bove is true and complete to th	e best of my knowledge and belief.		
·~ ^		TITLE	· · · · · · · · · · · · · · · · · · ·
Mul V	K. W. Lagrone	This form is to be filed in c	compliance with RULE 1104.
AW. Jagron	R. W. Lagione	Il mall this form must be accompar	able for a newly drilled or deepened hied by a tabulation of the deviation
Division Production		II tests taken on the well in accord	dance with Kode title
September 8, 19	ille.	i the on new and recompleted We	t be filled out completely for allow- lis.
September 8, 19		Fill out Sections I. II. III,	and VI only for changes of owner,

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name or number, or transporter, or

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	ar copies received				(		<b>.</b>	•	• , • • .
•	DISTRIBUTION				ATION COMMI	SSION		orm C-104	
	SANTA FE		REQUEST		LOWABLE		C. E	upersedes Old Cfiective 1-1-65	C-104 and C-
	U.S.G.S.		N TO TR		DIL AND N	ATURAL	GAS		
	LAND OFFICE	Se			ere die 1	55	65		
	TRANSPORTER GAS			مرد د. مرد دستان ا		೧೧೧೯			
	OPERATOR		4	្រៃ	12(C)2				
1	PRORATION OFFICE					7 1983 -	<u>]     </u>		
	Shell Oil Company (Wes	stern Division)			JAN L	· · · · ·	Ш		
	Address				L CONSERV	ATION DIV	ISION		
	P. O. Box 1509, Midlar Reason(s) for filing (Check proper bo		701		SAN Other (Please	IA re			
	New Well	Change in Transporte	r of:			in.Lease		,.	
	Recompletion	011	Dry G		From:	State			•
	Change in Ownership	Casinghead Gas	Conde	nsate	To:	State	A #2	<u>Y</u>	
	If change of ownership give name and address of previous owner		· ·						
II	- DESCRIPTION OF WELL AND	LEASE					1		•
ļ	Lease Name	Well N	1	•	ng Formation		Kind of L	2	-1167
	State A	21	Lang	Lie-Mat	tix fluer	Queen V	State, Fe	deral or Fee S	State
~		980 Feet From The NOT	th	ne and '	735	Feet From	The F	ast	
					[	_ reet riom		450	<u> </u>
	Line of Section 36 , To	wmship 248	Range	36E	, NMPM,		Lea		County
III.	DESIGNATION OF TRANSPOR	TER OF OIL AND NAT	URAL GA	S					
	Name of Authorized Transporter of Oll Texas-New Mexico Pipe			i	Give address to Box 1510,	,		-	-
	Name of Authorized Transporter of Ca		Gas		Give address to				
	El Paso Natural Gas Con		· · · · · · · · · · · · · · · · · · ·		Box 1384,			20 88252	· · · · · · · · · · · · · · · · · · ·
	If well produces oil or liguids, give location of tanks.	Unit Soc. Twr.	5 36E	is gas act	ually connected	? ¦Who		ary 1954	
	If this production is commingled with			<u> </u>		umber:			
IV.	COMPLETION DATA		Gas Well	New Well	Workover	Deepen	Plug Back	' Same Res'v	. Diff. Res'v
	Designate Type of Completic		• <u>•</u>	• • •	• •	 	   -	1 .t .1	1 1 -1
	Date Spudded	Date Compl. Ready to Prod.	•	Total Dept	h		P.B.T.D.		
	Pool	Name of Producing Formatio	on	Top Oll/G	as Pay	<u> </u>	Tubing De	pth	
	Perforations	<u> </u>		<u> </u>	<u> </u>	······	Depth Cas	ing Shop	
						à		ang binde	
		TUBING, CA		CEMENT	ING RECORD		· · · · · · · · · · · · · · · · · · ·		
	HOLE SIZE	CASING & TUBING	SIZE		DEPTH SET		S	ACKS CEME	NT
	· · · · · · · · · · · · · · · · · · ·								
1		l l					÷		
¥.	TEST DATA AND REQUEST FO	RALLOWARLE (Tes	t must be af		of total volume	of load oil a	i		and top allow
	OIL WELL	able		oth or be for	full 24 hours)	<u> </u>			
	Scie : inst New Oil Hun 'to lants	Date of Test		Producing	Method (Flow, 1	ump, gas tiji	, <i>eic.j</i>		
	Length of Test	Tubing Pressure		Casing Pre	ssure		Choke Size	ł	
	Actual Prod. During Test	Oil-Bbls.		Water - Bble			Gcs-MCF		
		••••							
	CAO 11/20 -								
	GAS WELL Actual Prod. Test-MCF/D	Length of Test		Bbls. Cond	ensate/MMCF		Gravity of (	Condensate	
					<u> </u>				
	Testing Method (pitot, back pr.)	Tubing Pressure		Casing Pre	83W¢		Choke Size		
<b>v</b> 1.	CERTIFICATE OF COMPLIANC	L CE	—— I			NSERVA	TION CON	MMISSION	
		/_		-		•			
	I hereby certify that the rules and re Commission have been complied w	with and that the informati	on given	APPRON	/				
	above is true and complete to the	best of my knowledge an	d belief.	BY		<b>B</b>	<u>T 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7</u>		<del>````````````````````````````````</del>
	- /		1	TITLE_		) ]: _ · · · · · · · · · · · · · · · · · ·		- 	·
	1.1 11				form is to be	filed in co	ompliance v		
.	K.W. fagren.	K. W. Lagron	e	well, thi	is is a reques s form must be	accompan	ied by a tai	bulation of th	or deepened le deviation
	Division Production			tests tak	ien on the wel	l in accord	ance with	RULE 111.	
'	(Titl	le)		able on a	sections of thinnew and record	npleted wel	18.	-	
.	September 8,			Fill well nam	out Sections e or number, o	I, II, III, a r transporte	and VI only r, or other s	y for changes uch change o	of owner, f condition.
1	104		[]						1

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	6
NO. OF COPIES RECEIVED	Form C-103 Supersedes Old
DISTRIBUTION SANTA FE NEW MEXICO OIL CONSERVATION COMMISSION	Effective 1-1-65
FILE     JUN 21     121-59     DIVIS       U.S.G.S.     JUN 21     121-59     DIVIS       LAND OFFICE     JUN 21     121-59     DIVIS	510N 5a. Indicate Type of Lease
LAND OFFICE	
LAND OFFICE     Z       OPERATOR     Z       TE	5. State Oll & Gas Lease No. B-1167
SUNDRY NOTICES AND REPORTS ON WELLS	
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT _*" (FORM C-101) FOR SUCH PROPOSALS.) 1.	7. Unit Agreement Name
OIL GAS WELL OTHER-	- 8. Farm or Lease Name
Shell Oil Company (Western Division)	State
3. Address of Operator P. O. Box 1509, Midland, Texas 79701	9. Well No. 2Y
4. Location of Well	10. Field and Pool, or Wildcat
UNIT LETTER <u>H</u> , <u>1980</u> FEET FROM THE <u>NOT TH</u> LINE AND <u>735</u> FEET FROM	Jalmat (Gas)
THE <u>east</u> line, bection <u>36</u> township <u>245</u> Rance <u>36E</u> NMPM.	
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
All 11 3265' DF	Lea
Check Appropriate Box To Indicate Nature of Notice, Report or Oth	
NOTICE OF INTENTION TO: SUBSEQUENT	REPORT OF:
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK	REPORT OF:
PERFORM REMEDIAL WORK	ALTERING CASING
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK X TEMPORARILY ABANDON CHANGE PLANS CASING TEST AND CEMENT JQB	ALTERING CASING
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK TEMPORARILY ABANDON COMMENCE DRILLING OPNS. PULL OR ALTER CASING COMMENT JOB OTHER	ALTERING CASING
PERFORM REMEDIAL WORK       PLUG AND ABANDON       REMEDIAL WORK       X         TEMPORARILY ABANDON       Change plans       Commence drilling opns.       C         PULL OR ALTER CASING       CHANGE PLANS       CASING TEST AND CEMENT JQB       OTHER         OTHER       OTHER       Image: completed Operations (Clearly state all pertinent details, and give pertinent dates, including e work) SEE RULE 1 fos.	ALTERING CASING
PERFORM REMEDIAL WORK       PLUG AND ABANDON       REMEDIAL WORK       X         TEMPORARILY ABANDON       CHANGE PLANS       COMMENCE DRILLING OPNS.       CASING TEST AND CEMENT JOB         OTHER       OTHER       OTHER       OTHER       Image: State all pertinent details, and give persinent dates, including et work) see RULE 160S.         May 4, 1966 thru May 20, 1966       Treated via tubing - casing annulus w/2500 gallons 15% Unisol and	ALTERING CASING PLUG AND ABANDONMENT
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PULL OR ALTER CASING CHANGE PLANS CHANGE PLANS CASING TEST AND CEMENT JOB OTHER 17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e work) see RULE 1703. May 4, 1966 thru May 20, 1966 Treated via tubing - casing annulus W/2500 gallons 15% Unisol and - 9#/gallon Brine W/2 gallons LST-5, all containing 1500 cu. ft./bb	ALTERING CASING PLUG AND ABANDONMENT
PERFORM REMEDIAL WORK       PLUG AND ABANDON       REMEDIAL WORK       X         TEMPORARILY ABANDON       CHANGE PLANS       COMMENCE DRILLING OPNS.       CASING TEST AND CEMENT JOB         OTHER       OTHER       OTHER       OTHER       Image: State all pertinent details, and give persinent dates, including et work) see RULE 160S.         May 4, 1966 thru May 20, 1966       Treated via tubing - casing annulus w/2500 gallons 15% Unisol and	ALTERING CASING PLUG AND ABANDONMENT
PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER 0 17. Describe Proposed or Completed Operations (Clearly state all persinent details, and give persinent dates, including e work) see Rule 1703. May 4, 1966 thru May 20, 1966 Treated via tubing - casing annulus w/2500 gallons 15% Unisol and - 9#/gallon Brine w/2 gallons LST-5, all containing 1500 cu. ft./bb Turned to El Paso line and stabilized production.	ALTERING CASING PLUG AND ABANDONMENT
PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER 0 17. Describe Proposed or Completed Operations (Clearly state all persinent details, and give persinent dates, including e work) see Rule 1703. May 4, 1966 thru May 20, 1966 Treated via tubing - casing annulus w/2500 gallons 15% Unisol and - 9#/gallon Brine w/2 gallons LST-5, all containing 1500 cu. ft./bb Turned to El Paso line and stabilized production.	ALTERING CASING PLUG AND ABANDONMENT
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PERFORM REMEDIAL WORK       PLUE AND ABANDON       REMEDIAL WORK       Image: Commentation of the commentati	ALTERING CASING PLUG AND ABANDONMENT
PERFORM REMEDIAL WORK       PLUE AND ABANDON         PULL OR ALTER CASING       CHANGE PLANS         OTHER       COMMENCE CRITING OPENS.         OTHER       COMMENCE CRITING OPENS.         OTHER       COMMENCE CRITING OPENS.         IT. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e work) SEE RULE 1703.         May 4, 1966 thru May 20, 1966         Treated via tubing - casing annulus w/2500 gallons 15% Unisol and         9#/gallon Brine w/2 gallons LST-5, all containing 1500 cu. ft./bb         Turned to El Paso line and stabilized production.         Flowed at rate of 1255 MCFPD. FTP 100 psi.         Is. I hereby centify that the information above is true and complete to the best of my knowledge and beliet.         summers       N.W. Harrison         THER       Commercial Control Control Complete to the best of my knowledge and beliet.	ALTERING CASING PLUG AND ABANDONMENT
PERFORM REMEDIAL WORK       PLUE AND ABANDON         PULL OR ALTER CASING       CUMARE PLANS         OTHER       COMMENCE CRITLING OPENS.         17. Describe Proposed or Completed Operations (Clearly state all periment details, and give periment dates, including e work) size Rule 1 105.         May 4, 1966 thru May 20, 1966         Treated via tubing - casing annulus w/2500 gallons 15% Unisol and         9 #/gallon Brine w/2 gallons LST-5, all containing 1500 cu. ft./bb         Turned to El Paso line and stabilized production.         Flowed at rate of 1255 MCFPD. FTP 100 psi.         18.1 hereby certify that the information above is true and complete to the best of my knowledge and belief.         states       N. W. Harrison True Senior Exploitation Enginee	ALTERING CASING PLUG AND ABANDONMENT
PLUE AND ABANDON       PLUE AND ABANDON       REMEDIAL WORK       E         PULL OR ALTER CASING       CHANGE PLANS       COMMENCE CERTIFIED OFFIC.       COMMENCE CERTIFIED OFFIC.         07HER       07HER       07HER       07HER       07HER         17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e work) SEE RULE 1703.       May 4, 1966 thru May 20, 1966         Treated via tubing - casing annulus w/2500 gallons 15% Unisol and 9#/gallon Brine w/2 gallons LST-5, all containing 1500 cu. ft./bb         Turned to El Paso line and stabilized production.         Flowed at rate of 1255 MCFPD. FTP 100 psi.         16. 1breeby certify that the information above is true and complete to the best of my knowledge and belief.         supercenter N. W. Earrison       ure: Senior Exploitation Enginee	ALTERING CASING PLUG AND ABANDONMENT
PLUE AND ABANDON       PLUE AND ABANDON       REMEDIAL WORK       E         PULL OR ALTER CASING       CHANGE PLANS       COMMENCE CERTIFIED OFFIC.       COMMENCE CERTIFIED OFFIC.         07HER       07HER       07HER       07HER       07HER         17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e work) SEE RULE 1703.       May 4, 1966 thru May 20, 1966         Treated via tubing - casing annulus w/2500 gallons 15% Unisol and 9#/gallon Brine w/2 gallons LST-5, all containing 1500 cu. ft./bb         Turned to El Paso line and stabilized production.         Flowed at rate of 1255 MCFPD. FTP 100 psi.         16. 1breeby certify that the information above is true and complete to the best of my knowledge and belief.         supercenter N. W. Earrison       ure: Senior Exploitation Enginee	ALTERING CASING PLUG AND ABANDONMENT
PLUE AND ABANDON       PLUE AND ABANDON       REMEDIAL WORK       E         PULL OR ALTER CASING       CHANGE PLANS       COMMENCE CERTIFIED OFFIC.       COMMENCE CERTIFIED OFFIC.         07HER       07HER       07HER       07HER       07HER         17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e work) SEE RULE 1703.       May 4, 1966 thru May 20, 1966         Treated via tubing - casing annulus w/2500 gallons 15% Unisol and 9#/gallon Brine w/2 gallons LST-5, all containing 1500 cu. ft./bb         Turned to El Paso line and stabilized production.         Flowed at rate of 1255 MCFPD. FTP 100 psi.         16. 1breeby certify that the information above is true and complete to the best of my knowledge and belief.         supercenter N. W. Earrison       ure: Senior Exploitation Enginee	ALTERING CASING PLUG AND ABANDONMENT

THE ELEN	/ราก
DISTRIBUTION JAN 17 198	Form (C-103 Supersedes Old C-202-and C-103
NEW MEXICO OIL CONSERVAUBLOC UMMISSION CONSERVATION	DIVISIUN 1-1-65
U.S.G.S. MAY 4 1 05 PH 60	5a. Indicate Type of Lease
	State X Fee 5. State Oll & Gas Lease No.
	B-1167
SUNDRY NOTICES AND REPORTS ON WELLS	
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	7. Unit Agreement Name
OIL GAS WELL OTHER-	_
2. Name of Operator Shell Oil Company (Western Division)	8. Farm or Lease Name
3. Address of Operator	State 9. Well No.
P. O. Box 1509, Midland, Texas 79701 4. Location of Well	2Y 10. Field and Pool, or Wildcat
UNIT LETTER H 1980 FEET FROM THE DOTTH LINE AND 735 FEET FROM	Jalmat (Gas)
N N	
THE <u>east</u> line, section <u>36</u> township <u>245</u> range <u>36E</u> nmpm.	
	2. County
<sup>16.</sup> Check Appropriate Box To Indicate Nature of Notice, Report or Othe	Iea Allilli
NOTICE OF INTENTION TO: SUBSEQUENT F	
PERFORM REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	PLUG AND ABANDONMENT
PULL OR ALTER CASING CASING TEST AND CEMENT JQB	
отнея	
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including es	timated date of starting any proposed
work) SEE RULE 1103.	
We propose to treat via tubing-casing annulus w/2500 gallons 15% Unisol	and flush w/2000
gallons salt water w/2 gallons LST-5 in flush to increase capacity.	
· · · ·	
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t	
18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.	
18. I hereby certify that the information above is true and complete to the best of my knowledge and bellef. NEWED MUHAMMON N. W. Harrison TIVLE Senior Exploitation Engineer	DATE May 3, 1966
	DATE May 3, 1966
	DATE May 3, 1966

Paris 5.4. There recard a particular and a state with the state of the state of the state of the state of the
JAN 17 1983
OIL CONSERVATION DIVISION
SERVATION COMMISSION SANTA FE
BOX 2045
NEW MEXICO
DATEJune 13, 1961
RE: GAS WELLS
This is:
A New Gas Well ( ) An Oil Well Converted to Gas ( )
An Oil-Gas Dual (X) A Gas-Gas Dual ()
r State #2-A H 36-24-36 Lease Well No. Unit S-T-R And a 80 acre allowable will be assigned in the Jalmat Pool under Order No: DC-1044

Original-OCC, Santa Fe cc-File, Operator & Transporter--- EP Original-Operator cc-File

### OIL CONSERVATION COMMISSION P. O. BOX 871 SANTA FE, NEW MEXICO

March 1, 1961

Shell Oil Company P. O. Box 845 Roswell, New Mexico

Attention: Mr. R. L. Rankin

#### Administrative Order NSP-525

Gentlemeni

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

> TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM Section 36: SE/4 NE/4 and NE/4 SE/4

It is understood that this unit is to be dedicated to your Shell State 2 A Well, located in Unit H of said section 36.

By authority granted me under provisions of Order No. R-1670, you are hereby authorized to operate the above described acreage as a non-standard gas proration unit, with allowable to be assigned thereto in accordance with the pool rules, based upon the unit size of 80 acres.

Very truly yours,

A. L. PORTER, Jr., Secretary-Director

ALP/OEP/og

cc: Oil Conservation Commission - Hobbs Oil & Gas Engineering Committee - Hobbs El Paso Natural Gas Company - El Paso

## OIL CONSERVATION COMMISSION P. O. BOX 871 SANTA FE, NEW MEXICO

### March 1, 1961

Shell Oil Company P. O. Box 845 Roswell, New Mexico

Gentlemen:

Enclosed herewith please find Administrative Order N<sup>O</sup>. DC-1044 for your State Well No. 2A located in the SE/4 NE/4 of Section 36, Township 24 South, Range 36 East, NMPM, Lea County, New Mexico, to permit the production of gas from the Jalmat Gas Pool and the production of oil from the Langlie-Mattix Pool.

Very truly yours,

A. L. PORTER, Jr., Secretary-Director

ALP/JEK/0g

cc: Oil Conservation Commission - Hobbs Oil & Gas Engineering Committee - Hobbs

	•	• •
BANT ARCS	L CONSERVATION COMMISSION FORM C- TA FE, NEW MEXICO (Rev. 7-60	
	MPLIANCE AND AUTHORIZATION	.,
	RT OIL AND NATURAL GAS	·
Company or Operator	COPIES WITH THE APPROPRIATE OFFICE	
Unit Letter Section Township Range	County	
H 36 218	36E Trea Kind of Lease (State, For Fee) 7 1983	
Langlie-Mattix (oil) - Jalmat (Gas) If well produces oil or condensate	Section Township OIL CONSERVATION DIVISIO	ر N
give location of tanks	36 245 SANTA FE 36E Address (give address to which approved copy of this form is to be sen	
Texas-New Mexico Pipe Line Company	P. O. Box 374, Eunice, New Mexico	
Is Gas Actually Connecte		
Authorized transporter of casing head gas or dry gas Z Date Con- nected	Address (give address to which approved copy of this form is to be sen	e)
El Paso Natural Gas Company	P. O. Box 1384, Jal, New Mexico	
If gas is not being sold, give reasons and also explain its present disposition:	<u>*</u>	
	•	
		[
	(please check proper box)	
New Well	Change in Ownership	
Oil Dry Gas Casing head gas . Condensate		
Remarks		
	nglie-Mattix (Oil)	
	lmat (Gas 14-61	
The undersigned certifies that the Rules and Regulations of the Oil Co	nservation Commission have been complied with.	
	ruary	
OIL CONSERVATION COMMISSION	By	
Approved by	R. A. Lowery M. C. Louisy	
Ke Mille	District Exploitation Engineer	
fide	Shell Oil Company	
Date JUN 10 100	Address Box 845, Roswell, New Mexico	
A PARA AN PARTANA AND A PARA AND A PARA AND A PARA		<b>V N N N</b>

### NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

# REQUEST FOR (OIL) - (GAS) ALLOWABLE

(Form C-104) Revised 7/1/57

#### XBOCOMPENIX XROCOMPENIOX

Dual

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-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is, filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

				Roswell, Ner	W Mexico	February	20, 1961 <u>- 2</u> 0
		·		(Place)		********************************	(Date)
VE ARE H	IEREBY R	EQUESTI	NG AN ALLOWABLE FO	OR A WELL KN	IOWN AS:	· .	
						SE	NE .
(Cor	mpany or Op	rator)	State (Leae	)	······ II	/4	······································
H	Sec.	36	., T24-6, R36-H	NMPM	Jalma	t	P-
Unit Lat	ter				operati	01	······FQ
******	Lea		County. Date Sponder	on started	Date Dridling	Completed	2-11-61
Please	e indicate k	cation .	operati County. Date Spudded Elevation3265		Depth 35251	PBTD	-
:	R-36-E		Top gtd/Gas Pay 28	251	of Prod. Form	Yates	· · ·
D (	C B	A					
	••	1	PRODUCING INTERVAL -	28251 - 28	337', 2848' -	2854';	
		+	Perforations 2865" - 2	8671, 28741 -	- 2880', 2906	o <sup>t</sup> - 2912 <sup>1</sup>	
E 1	F G.	H	Open Hole	Depth	- Dec 22751	Depth	22611
				Casin	g snoe	Tubing	3204
LI	C J	┼╌╤╌┥	OIL WELL TEST -		•		· · ·
^			Natural Prod. Test:	bbls.oil.	bbls water 4	n hre	Choke min. Side
	1.1			•		• •	
MM		P	Test After Acid or Fractu			-	<b>Ch</b>
-   -			load oil used):l	bls.oil,	_bbls water in'	hrs,m	in. Size
			GAS WELL TEST -		•		
80' FNL	& 735' F	EL. Sec.	36	•		· •	•
			36 Natural Prod. Test:	MCF/Da	y; Hours flowed _	Choke Si:	ze <u></u>
ubing ,Casi	ng and Cemen	ting Record	Method of Testing (pitot,	back pressure, etc	)		•
Sire	Feet	Sax	Test After Acid on Fractur	a Trastmont. 2	2.200 10		24
			Test After Acid or Fractur Choke SizeMethod	A	solute Open	Flow	
8 5/8 <b>¤</b>	354	350	Choke SizeMethod	of Testing:			
			Acid or Fracture Treatment	101		ah an antid wat	
5 1/2"	3365	850					
			sand):250 G. MCA, 27 Casing Tubing	,000 G. Lease	crude, 45,0	90# sand, 9	Adom
2 1/2"	2867		Press. Press.	oil run to '	tanks Febr	uarv 1h. 19	61
			Oil Transporter Texas	-New Mexico P	ipe Line Com	pany	
	·		Gas Transporter El Pa	aso Natural G	as company		
:marks:				• • • • • • • • • • • • • • • • • • •	14m - 44 - 46 4 4 6 4 a - 47 4		
							••••••••••••••••••••••••••••••
			•				*****
T L					he hast of you have	wieden	
-	certity that	une muori	nation given above is true		1 Oil Company		
proved	······································		<b>2</b>				
			1961	R. A	(Company or C . Lowery	PA-	0
OIL	CONSERV	VATION C	OMMISSION	By:		$(\cdot, \cdot, \cdot$	ury
	. //				(Signatur	•	
X/_	_K_	_//? /	1/1~	Title	rict Exploit:	ation Engin	eer
	. / //		1989		Communications 1	egarding well t	io:
le		·····	·····			•	
	1			NameShell	1 Oil Company	<u> </u>	
	• .			Address Box	845, Roswell,	New Mexic	0
			•	Addres			

•	- WELL LOCA		ACRE	EAGE DED	DICATIO	N PLAJ	
······································		ONS FOR COMP	PLETING	THIS FORM O			SERVATION DIVISION
Operator	<u>·</u>	1	SECTIO Lease				SANTA FE
S	hell Oil Company		[		ate	2044 	24 32
Unit Letter H Actual Footage Locatio	36	<sup>11p</sup> 245	Rang	36E	County	Lea	
1980 feet	t from the north	line and		735 fee	et from the	east	line
Ground Level Elev. 32551	Producing Formation Yates		Pool	Jalr	nat	-0	Dedicated Acreage: 80 Acres
who bas the right to another. (65-3-29 2. If the answer to que	o drill into and to produc 9 (e) NMSA 1935 Comp.) estion one is "no," have NO If answer is	ce from any pool the interests o s "yes," Type o	l and to ap of all the of Consol	appropriate the cowners been co lidation	production e	eitber for bi by communi	, ("Owner" means the person imself or for himself and itization agreement or other-
Owner				Land Descript		·•	
			t				
	SEC.	TION B				7	CERTIFICATION
				,086/	-735	in SECTI plete to the belief, Name R. A. 1 Position Distric Company Shell ( Date	ct Exploitation Enginee
						shown on plotted fro surveys m supervisio and correc and belief	
						}	d Professional Engineer nd Surveyor

									417 P	
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					in an					
	n Natural years and		nan hanan da an	ji kati sekering dise ka		and a second	un en die national and die an		· · · · · · · · · · · · · · · · · · ·	
BANTA FF	OPIES RECEIVED			W MEXICO	011 (	2015 E		TRADE	TW	व्यानिस द १०
U.E.G.S. LAND OFFICE TRANSPORTA	OIL				NEO	US RE	PORTS	n werd	<del>7:1983</del>	
PROBATION CPERATOR	0 FFICE		(Submit	to appropriate	e Distri	ct Offic	e as per Gi	In TESISA R	ALIPHON	DIVISION
Name of Co	<sup>mpany</sup> S	hell	Oil Company	· · ·	Addr	ess		swell, N		24
Lease	State		We	ell No. Un <b>2A</b>	it Letter H	r Section	on Township	215	Rang	36E
Date Work F 1-29-61	erformed thru 2-14	-61	Pool Langlie-N	lattix - J	almat		County	Lea		
	ing Drilling Op			REPORT OF				Fuele		
Deginin Pluggi		eration		ng Test and Ce dial Work	ment Jo	iD	Dual	Completi	on	
Detailed acc DUAT. CO	count of work de	one, na LAN	ture and quantity of LIE-MATTIX (C	materials used ) # JAT.	l, and re MAT ((	sults obt				·····
1. Pul	led rods,	pump	& tubing. rey 3281' - 25							
3. Top	of fish @	3281	1.		× 0					PB 2992
			l packer on wi sand on top					l tubing ·	to 294	a".
			ilus w/oil Pr is 15% MCA on					o 3600 p	si/30	minutes/OK.
8. Per	forated 5	1/2"	casing 2825' 1/2" JSPF.	- 2837',	28481	- 285	<b>1',</b> 2864'	- 2867'	<b>,</b> 2874	<b>1 - 28801</b> ,
9. Tre	ated w/27,	000 g	allons lease		ining	1/67#	sand & 1	/30# Mari	A II A	domite/gallon
10. Ran	95 jts. (	2867	ball sealers. ) 2 1/2", 6.5	#, SH, EUI						
in	place @ 29	20',	ull plugged @ Otis Blas Nip	ples 2904	- 29	914 <b>',</b> 2	28621 - 2	8821, 28	46" -	28561, 28201
- 2 Witnessed by		Slee	ve Valve in o	pen posit: Position	ion 28	<u>3148, l</u>	H Baker I	urbulizer ontinued	rs spa on ba	ced approxima ck of page)
	H. B. Br	ooks		Production			Shell	Oil Com		
	·····		FILL IN BELO	ORIGINAL						
D F Elev.		T D		PBTD			Producing			npletion Date
Tubing Diam	eter		Tubing Depth		Oil Stri	ing Diam	eter	) Oil Str	ing Dept	h
Perforated In	terval(\$)		•			;				
Open Hole In	terval		•		Pròduc `	ing Form	ation(s)	-		
			Oil Production	RESULTS O		T	Production	GOR		Gas Well Potential
Test Before Workover	Date of Test		BPD	MCFP			Production PD	Cubic feet,		MCFPD
Workover After Workover					•					<u> </u>
i		ERVAT	ION COMMISSION	L			fy that the in my knowledg		en above	is true and complet
Approved by			1/1/2	<b>,</b>	Name		Lowery	R.A.	f	ourly
Title	- T				Positi	D		<u> </u>	•	1
Date			CUA	·	Comp	107	Oil Com			
					<u> </u>			<u> </u>		

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n n i i i i i i

60' apart thru perforated zone. Pushed out Baker expendable plug from Model FA packer & latched seal assembly in packer. Set tubing w/10,000# tension. Hydrotested tubing to 5000 psi.

On Absolute open flow potential flowed 2.200 million CFGPD based on the following: 11. CAS THE PRESSURE

Time (hrs.)	MCFPD	CHOKE	CADING PRESSORE
2	404.4	13/64"	435 psi
1 1/2	582.5	16/64"	426 psi
1 1/2	930.0	20/64"	405 psi
2	1169.0	24/64"	380 psi
21	1284.0	28/64"	309 psi

No fluid during test. Official Completion Date February 14, 1961.

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ang ang kanalang di Pengerang. Pengerang kang di Pengerang 517 39**5** .... <u>\_</u>. -و ۲۰۰ - -់ទ្រខាន់ ភ្លឺស្រាល់ ហើ្រព • <u>7 - 10</u> 2013 na di Xe  $(x_1,y_2,\ldots,y_{n-1},\ldots,y_{n-1}$ 

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NEW MEXICO OIL CON	SERV/	ATION COMMISSI	ON	FORM C-103 (Rev 3-55)
AISCELLANEOUS	REPO	RTS ON WELLS	IBBS OFFICE C	
(Submit to appropriate District O	ffice as	•		
Name of Company Shell Oil Company	Addre	C35	<del>SY 2 /2 5</del> oswell, New Me	•
	uit Letter H			the second s
Date Work Performed Pool	<u>.</u>	County	2451 Lea	<u></u>
THIS IS A REPORT OF	: (Cbeck		107 11	
Beginning Drilling Operations Casing Test and Co			Expland Ch Billy	123111
Plugging     I Remedial Work			IN 17 19	03 IIII
Detailed account of work done, nature and quantity of materials used	, and rea	الل .		
<ol> <li>Pulled rods, pump &amp; tubing.</li> <li>Ran Worth Well Caliper Survey.</li> </ol>	•	0	DIL CONSERVATION	V DIVISION
3. Treated open hole 3375' - 3405' via tubir	1g w/1	500 gallons 157	6 acid.	E ai
4. Ran Lynes Production Packer on 2" tubing above packer.	& ser	رىلىر 🕊 packer	• Openeo	de valve
5. Ran pump & rods to 3399'.				1
6. In 24 hours pumped 8 BO + 17 BW w/9-54" S 7. Pulled rods & pump.	PM.	•		
8. Treated via casing w/10,000 gallons lease	: crud	e containing 1#	f sand & 0.1# .	Adomite
per gallon. 9. Ran 2" x 1 1/2" x 24' Fluid Packed 3-Tube	• Bott	- Hole Pump &	rods to previ	ous setting.
10. Recovered load.		-	L'un - L	/46 /00000-00
11. In 24 hours pumped 15 BO + 135 BW w/9-54"	SPM.			
			۰. ۱	
Witnessed by H. B. Brooks Productio	n For	Company eman S	Shell Oil Compa	ant
FILL IN BELOW FOR REME	EDIAL W	WORK REPORTS ON		
ORIGINAL DF Elev. TD PBTD	WELL	Producing	·	ompletion Date
326\$' 3525'		3375	- 3525'	2-24-49
Tubing Diameter Tubing Depth 35181	Oil Stri	ing Diameter 5 1/2"	Oil String Dept 3375	ah l
Perforated Interval(s)	<b></b>			
Open Hole Interval 33751 - 35251	Produci	ing Formation(s)	even Rivers	
3375' - 3525' RESULTS O	F WOR!		Jen Alvers	
Test         Date of Test         Oil Production BPD         Gas Produ MCFP	ction	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover 2-15-59 8 69.		514	8738	-
After Workover 10-29-59 15 88.		135	5927	-
	I here	e best of my knowledge	formation given above	e is true and complete
OIL CONSERVATION COMMISSION			<i>n</i> ,	i i i
OIL CONSERVATION COMMISSION	Name	·	nn P	
		R. A. Lower		mery.
Approved by Hin Kull	Name	R. A. Lower	xploitation En	0

NEW MEXICO OIL CONSERVATION COMMISSION       IAM 17 1933         MIN OFFICENCY, New Mexico       Out Conservation Commission, before for west specified is a head a Argo with the sector in TRIPLATT on the Digits Differ, GL Conservation Commission, before for west specified is a head a Argo with the sector in TRIPLATT on the Digits Differ, GL Conservation Commission, before for west specified is a head a Argo with the sector in TRIPLATT on the Digits Differ, GL Conservation Commission, before for west specified is a head a Argo with the sector in TRIPLATT on the Digits Differ, GL Conservation Commission.         Automatic Construction in the Rule and Regulation of the Commission.       Information Conservation Conservation Commission.         Conservation Conservation Conservation Commission.       Information Conservation Co							
NEW MEXICO OIL CONSERVATION COMMISSION       All 17 1953         MAIN OFFICE       OIL CONSERVATION COMMISSION         Main office in TARFLICATEs or the Dights signification on inframe the state of the state and results of the commandation of the state of							
NEW MEXICO OIL CONSERVATION COMMISSION MAIN OFFICE Sample, New Mexico Concentration of the constant of the second of the second of the second of the constant o							
NEW MEXICO OIL CONSERVATION COMMISSION       All 17 1953         MAIN OFFICE       OIL CONSERVATION COMMISSION         Main office in TARFLICATEs or the Dights signification on inframe the state of the state and results of the commandation of the state of					REATEL		
NEW MEXICO OIL CONSERVATION COMMISSION MAIN OFFICE Sample, New Mexico Concentration of the constant of the second of the second of the second of the constant o	. <u>.</u>			THERE	L'én le		
MANN OFFICE Senies 75, New Mexico       MINISCELLANEQUS NOTICES         MISCELLANEQUS NOTICES       MISCELLANEQUS NOTICES         abant this notice in TATPLICATE to the Digificit Office, Git Comparation Committion, before the work specified is to the rejection by the Committion agent, of the plan atagented or which will be given the approved hould be followed, and work abauld not begin until approval is obtained. See a onal hartwritten to the Rules and Regulations of the Committion.         and hartwritten to the Rules and Regulations of the Committion.       Intervention in the Rules and Regulations of the Committion.         area of largeritons       Intervention to the Rules and Regulations of the Committion.       Nortice or Intervention to Committion.         area of largeritons       Nortice or Intervention to the Diversition of the Rule and Rule and Rules and Ru	•			11 Jan 17 19	83 (Revised 7/1		
MISCELLANEQUES NOTICES         Misce of Misce Of Commission         Indicate Name of Notice by Checking Below         Once or Interaction to the Commission         Once or Interaction         Once or Interaction <td colspan="2" int<="" once="" or="" td=""><td>NEW</td><td>MEXICO OIL CONSERVAT</td><td>TON CO</td><td>MMISSION JAN</td><td>TIVISION</td></td>	<td>NEW</td> <td>MEXICO OIL CONSERVAT</td> <td>TON CO</td> <td>MMISSION JAN</td> <td>TIVISION</td>		NEW	MEXICO OIL CONSERVAT	TON CO	MMISSION JAN	TIVISION
MISCELLANEQUS NOTICES         Miscelland State of Notice Jonation         Indicate Nature of Notice by Checking Below         Ontice of Interaction rop         Ontice of Interaction rop         Notice of Interaction rop         Ontice of Interaction rop of Interaction rop         Ontice of Interaction rop         Ontice of Interaction rop         Ontice of Interaction rop	A LAND AND AND AND AND AND AND AND AND AND	MIN OFFICE CUR New ME		OIL CONSERVATIO	FE		
turned to the reder on which will be jiven the approval, with any modifications considered advisable, or the rejection by the Commission.         Indicate Nature of Notice by Checking Ealow         Indicate Nature of Notice by Checking Ealow         Oracle or Investments         Indicate Nature of Notice by Checking Ealow         Oracle or Investments         Notice or Investments							

NEW MEXICO OIL CONSE Santa Fe, Ne	
It is necessary that Form C-104 be approved before this form can be app well. Submit this form in	QUADRUPLICATE.
CERTIFICATE OF COMPLIAN	
TO TRANSPORT OIL	ALTA
	Lease State // Box 1509, Midland, Texas
(Local or Field Office)	(Principal Place of Business)
UnitH. Well(s) No2 A	and the second
County	State Lease
If Oil well Location of Tanks	
(Local or Field Office) Per cent of XOX or Natural Gas to be Transported	Box 1492, El Paso, Texas (Principal Place of Business)
from this unit areNone	
	%
REASON FOR FILING: (Please check proper box)	······································
NEW WELL.	CHANGE IN OWNERSHIP
CHANGE IN TRANSPORTER	OTHER (Explain under Remarks) 🖬
REMARKS: This report covers casinghead gas	s production on the above lease in
accordance with Commission Order	R-98-A. Paragranh 9 Rule (2109-
Section (A).	FEB 8 1954
The undersigned certifies that the Rules and Regulations o	f the Oil Conservation Commission have been complied with.
Executed this theday of	JAN 2 7 1954 19
Approved	SHELL OIL COMPANY,
	By LEllagle
OIL CONSERVATION COMMISSION	By Title Division Production Superintendent
By	\$ 14C
(See Instructions on	Roverze Side)
/	



OIL CONSERVATION COMMISSION **STATE OF NEW MEXICO** 

CERTIFICATE of COMPLIANCE and AUTHORIZATION to TRANSPORT

Company or Operator Shell 011 Company\_\_\_\_\_ Lease \_\_\_\_\_ Lease Address \_\_\_\_ Box 1457 Hobbs, New Mexico \_\_\_\_ Box 1509 Midland, Texas (Local or Field Office) (Principal Place of Business) Unit H\_\_\_ Wells No. 2A Sec.36 T 24S R 36E Field Langlie-Mattix County Lea

Kind of Lease \_\_\_\_\_\_ Location of Tanks center of lease

Transporter \_ Texas & New Mexico Pipe Idne Caddress of Transporter \_ Funice, New Mexico (Local or Field Office) 

Midland, Texas\_\_\_\_\_Percent of oil to be transported\_100. Other transporters authorized to transport oil from this unit are\_\_\_\_\_\_DoDS\_\_\_\_\_\_ REMARKS:

\_\_\_\_\_%

Operating ownership change effective close of business September 30, 1949

Previous owner: Shell Oil Company, Incorporated

The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentages of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico. م معنی است. استان استان می دارد ا . • • • • 

September Executed this the \_\_\_\_ 30th \_\_\_\_ day of \_\_\_\_ \_\_\_\_\_ 1949\_\_\_\_

\_\_\_\_\_Shell\_Oil\_Company\_ (Company or Operator) By \_< torein Title \_\_District\_Superintendent/\_\_\_\_\_ New Mexico State of Lea County of \_\_\_\_\_

Before me, the undersigned authority, on this day personally appeared \_\_\_\_\_\_ Frank R. Lovering known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

Subscribed and sworn to before me, this the\_\_\_\_30th\_\_\_day of\_\_\_\_September\_\_\_\_, 194\_9\_ Krine A , Dance

County, \_\_\_\_ New Mexico My Commission Expires Sept. 16, 1950 Notary Public in and for\_ OIL CONSERVATION COMMISSION By ILAL C. MULLATALLY 12 BIL & GAS INSPECTS (See Instructions on Reverse Side)

OIL CONSERVATION COMMISSION STATE OF NEW MEXICO CERTIFICATE of COMPLIANCE and AUTHORIZATION to TRANSPORT OIL Form C110 Company or Operator Shell 011 Company, IncorporatedLease State FEB 2 4 1940 IR AL Address Box 1457 Hobbs, New Mexico 868 (Local or Field Uffice) -- Wells No.2A\_Sec. 36 T 24S\_ R 36E Field Langlie-Mattix County Lea Unit\_H Kind of Lease State Transporter Texas-New Mexico Pipe Line -Ad -Location of Tanks Center of lease Midland, Texas (Principal Place of Business) 1 ized to transport oil from this unit are <u>none</u> EW COMPLETION: Allowable to date <u>0</u> REMARKS: NEW COMPLETION: Allowable to date from 2-6-49. Allowable to date from 2-6-49 February allowable = 23 X 45 = 1035 barrels oil. CORRECTED COPY; February allowable 20 4 0 = 1000 Darrels 011. Previous (-110, dtd., 2-17-10, listed Shell Pipe Line Corp., as trans-The undersigned certifies that the rules and regulations of the Oil Conservation Commission heen complied with event of noted shows and that asthering agent is authorized to transport Lue undersigned certains that the rules and regulations of the On Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the nerventers of oil produced from the shore described property and that this authorized to transport will have been complied with except as noted above and that gamering agent is authorized to transport the percentage of oil produced from the above described property and that this authorization will he walld until further notice to the transporter ne mod herein or until concelled by the Oil Concerthe percentage of on produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conser-votion Commission of New Mexico vation Commission of New Mexico. Executed this the 23rd day of February Gampany, 1949 By Company of Operator) Title Frank R. Lovering Title Frank R. Lovering How have a state of the dev nerconally anneared Free State of \_\_\_\_ New Mexico County of Lea Before me, the undersigned authority, on this day personally appeared Frank R. Lovering wn to me to be the person whose name is subscribed to the above instrument who being by known to me to be the person whose hame is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and convect stated herein and that said report is true and correct. Notary Public in and for\_. day of February d: pproved: By Commission Expires Sept Lea -County, L CONSERVATION COMMISSION -, 194\_2 New Mexico \_\_\_\_ 194 9 Markray (See Instructions on Reverse Side) CIL & CAR INSPECTOR

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		1 2		. Rules and	I Regulations o	lays after complet: f the Commission.	Indicate quest	ionable data l	y following	
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R.36E		N. M. P. M.,	Lengli	e-Matti	<b>K</b> Field	d; <u>1 Lee</u>	<u> </u>			
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If notente	d land the	owner is '	<u> </u>			•	2297bbA	<b>.</b>	•	
If Govern	ment land	the permittee	is				Address		7 Howbs, New M	•
The Lesse	e is She	11 011 Co	mpany.	Incorpor	rated		, Address	Box 145	7 Hotbs, New M	ez.
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J. A.	Arnold	FORMATI	ON RECORI	о <b>ко</b> с	THER SIDE				:
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t 1		re me this 17th		•	Hobbs, Ne	w. Mext co	) F	bruarv	17. 1949
	February				Frank R	ACO Franks	De (	forein	Date
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**OIL CONSERVATION COMMISSION** STATE OF NEW MEXICO CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO Company or Operator Shell 011 Company, Incorporatedease State Address Box 1457 Hobbs, New Mexico Box 1509 Midland, Texas (Local or Field Office) (Principal Place of Business) \_ Wells No.2A\_ Sec.36\_ T245\_ R36F Field Langlie-Mattix\_\_ County\_ Lea Unit H Location of Tanks Center of lease. Kind of Lease State Address of Transporter Box 486 Hobbs, New Mexico Transporter Shell Pipe Line Corp. (Local or Field Office) TREVENCEDORS Houston, Texas (Principal Place, of Business) ized to transport oil from this unit are and the second of the second sec NEW COMPLETION: Allowable to date from 2-6-49. b hous February allowable 2 23 X 45 = 1035 barrels oil. afteren gefastlikturaformin n grutte in sette af Marie The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentage of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico. 112, Jack and the Manager of the second state of the second state of second state of the seco Executed this the 17th day of February , 194.2 neisingen in it is is in the Lovering the state assister and the state of the Title District Superintendent ".BARAMAN' 1. 1977 all characteristic strategic states and a set of the set State of \_\_\_New\_Merico. County of Lea f there, and an analyzing the structure and an and an and the structure of the second structure of the second s <u>A second structure structure</u> and the structure of the structure of the second structure of the ntredu **n** na Áth Before me, the undersigned authority, on this day personally appeared Frank R. Lovering known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report it true and correct. February Subscribed and sworn to before me, this the day of Notary Public in and for Lea County, Approved: <u>2</u>-1947 OIL CONSERVATION COMMISSION

Form C-108 OIL CONSERVATION COMMISSION Santa Fe, New Mexico ISCELLANEOUS REPORTS ON WELLS Jubmit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission. Indicate nature of report by checking below. REPORT ON BEGINNING DRILLING OPERA-**REPORT ON REPAIRING WELL** TIONS REPORT ON PULLING OR OTHERWISE ALTERING CASING REPORT ON RESULT OF SHOOTING OR CHEM-ICAL TREATMENT OF WELL REPORT ON RESULT OF TEST OF CASING REPORT ON DEEPENING WELL SHUT-OFF T **REPORT ON RESULT OF PLUGGING OF WELL** January 31, 1949 Hobbs, New Mexico Date Place OIL CONSERVATION COMMISSION, SANTA FE, NEW MEXICO ۰.-Gentlemen: Following is a report on the work done and the results obtained under the heading noted above at the Shell Oil Company, Incorporated State 2-A .Well No.\_\_\_ in the Company or Operator Tease <u> 36</u> NE/411 T. 24-S , N. M. P. M. \_of Sec. Langlie-Mattix Lea \_Field, County. 1-29-49 The dates of this work were as follows:\_\_\_ 1-27-49 Notice of intention to do the work was (xxx.nut) submitted on Form C-102 on\_ 19 and approval of the proposed plan was (was.not) obtained. (Cross out incorrect words.) DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED After W.O.C. 48 hours, tested 5 1/2-inch casing with 1000 p.s.i. for 30 minutes. Held OK. Top of cement behind 5 1/2-inch casing at 900 feet, by stress strain measurement. Shell Oil Company, Incorporated Production Foreman J. K. Pevehouse Witnessed by\_\_\_\_ Company Title Name I hereby swear or affirm that the information given above is true and correct. Subscribed and sworn before me this <u>31st</u> Name Frank R. Loverin ( tovering Jamary 19 49 day of\_ Position District Superintendent Representing Shell Oil Company, Incorporated Notary Public Company or Operator My commission expires My Commission Expires Sept. 16, 19504 Address Box 1457 Hobbs, New Mexico Remarks: APPROVED Title

NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO MISCELLANEOUS NOTICES Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered, advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission. Indicate nature of notice by checking below: NOTICE OF INTENTION TO TEST CASING SHUT-OFF NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL X NOTICE OF INTENTION TO PULL OR NOTICE OF INTENTION TO CHANGE PLANS OTHERWISE ALTER CASING NOTICE OF INTENTION TO REPAIR WELL NOTICE OF INTENTION TO PLUG WELL NOTICE OF INTENTION TO DEEPEN WELL · · • • <u>1949</u> Hobbs, New Mexico January 27. Place Date OIL CONSERVATION COMMISSION. Santa Fe, New Mexico. Gentlemen: Following is a notice of intention to do certain work as described below at the Shell Oil Company, Incorporated State Well No. 2-A <u>NE/4</u> in **Company** or Operator Lease <u>36-</u>E \_36 N. M. P. M., Langlie-Mattix of Sec. . т. R\_ Field. Lea County. FULL DETAILS OF PROPOSED PLAN OF WORK FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION Ren 5 1/2-inch casing to 3375 feet and cemented with 850 sacks. Plug down at 8:15 a.m. 1-26-49. After W.O.C. 48 hours will test casing. JAN 2 8 1949 Shell Oil Company, Incorporated Approved cept as follows: or Operator Company C Loverine Frank R. Rv Position District Superintendent Send communications regarding well to Name Shell Oil Company, Incorporated OIL CONSERVATION COMMISSION, Address Box 1457 Hobbs, New Mexico Title

Form C-102 · · ·

- Form C-103		
DRIGINA Submit this report in triplicate	IL CONSERVAT	FION COMMISSION New Mexico PORTS ON WELLS mission or its proper agent within ten days after the work fore a notery public for reports on beginning drilling opera
	Santa Fe, N	New Mexico
UNUINA	- MISCELLANEOUS RE	PORTS ON WELLS
Submit this report in triplicate	to the Oil Conservation Com	mission or its proper agent within ten days after the work
tions, results of shooting well, a	results of test of casing shu	t off, result of plugging of well, and other important opera-
tions, even though the work was signed and sworn to before a no	tary public. See additional i	e Commission. Reports on minor operations need not be   nstructions in the Rules and Regulation % f the Commission.
PEROPA ON PEODEMIA		nstructions in the Rules and Regulations of Commission. ort by checking below. REPORT ON REPAIRING WEAR
REPORT ON BEGINNING D TIONS		
REPORT ON RESULT OF SHO ICAL TREATMENT OF WI	CLL	REPORT ON PULLING OR OTHERWISE ALTERING CASING
REPORT ON RESULT OF T SHUT-OFF	TEST OF CASING	REPORT ON DEEPENING WELL DI
REPORT ON RESULT OF PLU	JGGING OF WELL	
	January 6, 19	Hobbs, New Mexico
OIL CONSERVATION COMMI SANTA FE, NEW MEXICO Gentlemen:		Date Place
hell Oil Company, Inco Company or	rporated Sta Operator	ned under the heading noted above at the
NE/4 anglie-Mattix	of Sec <u>36</u> , Field, <b>Les</b>	T. 24-S , R. 36-E , N. M. P. M., County.
The dates of this work were as	follows: 1-4-49	
		ed on Form C-102 on <u>1-4-49</u> 19
		d. (Cross out incorrect words.) DONE AND RESULTS OBTAINED
		i. water pressure for 30 minutes. Held
K. Drilled plug and t	ested cement job wit	h 500 p.s.i. for 30 minutes. Held OK.
Witnessed by J. K. Pev	ehouse Shell O	- 11 Company, Incorporated Production Foreman
<u></u>	Name	L Company Title
Subscribed and sworn before	me this oth	I hereby swear or affirm that the information given above is true and correct. Frank Covering
day of January		Name Frank R. Lovering
gene T. al		Position District Superintendent
•		Company or Operator
My commission expires My Com	mission Expires Sept. 16, 1950	Address Box 1457 Hobbs, New Mexico
My commission expiredly Com Remarks:	mission Expires Sept. 16, 1950	Address Box 1457 Hobbs, New Mexico
Remarks:		Address Box 1457 Hobbs, New Mexico Address Box 1457 Hobbs, New Me

Form C-102

EXICO OIL CONSERVATION COM SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed CR and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission. Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	I	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	MEXICO.
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OF OTHERWISE ALTER CASING	RO 1949 3//
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	ST TT
NOTICE OF INTENTION TO DEEPEN WELL	•		

Hobbs, New Mexico January 4, 1949 Place

ad b

OIL CONSERVATION COMMISSION, Santa Fe, New Mexico. Gentlemen: wing is a notic F-II-

Shell Oil Company, I		Stat		Well No.	2-A	in NE/4
Company or Operator of Sec36, T	24-5 R	Lease 36pX N	I. M. P. M.,	Langlie-Mattix		Field.
Lea	Cor	unty.	•	-		

FULL DETAILS OF PROPOSED PLAN OF WORK FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Ran 8 5/8-inch casing to 365.14 feet and cemented with 350 sacks regular cement. Circulated out estimated 200 sacks. Plug down 5:30 p.m. 1-3-49. After W.O.C. 24 hours will test casing and water shut-off.

Approved	ollows:	- JAN 1	1 1949	, 19	
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	•			· · · · · · · · · · · · · · · · · · ·	
			COMMISSI		
By LICE		011		sift state	

Shell Oil Company, Incorporated
Company or Operator By Frank R. Lovering Frank Porein
Position <u>District Superintendent</u> Send communications regarding well to
Name Shell Oil Company, Incorporated
Address Box 1457 Hobbs, New Mexico

Date

Title

Form C-108	ATION COMMISSION
	Fe, New Mexico
minoritoncollo	DEDODTE ON LICELE
Submit this report in triplicate to the Oil Conservation (	KEPUKID UII WELLD Commission or its proper agent within ten days after the work to before a notary public for reports on beginning drilling operation
tions, results of shooting well, results of test of casing	shut off, result of plugging of well, and other important opera-
signed and sworn to before a notary public. See addition	of the Commission. Reports on minor operations need not be nal instructions in the Rules and Regulations of the Commission.
REPORT ON BEGINNING DRILLING OPERA-	nal instructions in the Rules and Regulations of the Commission. report by checking below. REPORT ON REPAIRING WELL
TIONS	REPORT ON REPAIRING WELL MEXICO. REPORT ON PULLING OR OTHERWISE ALTERING CASING
REPORT ON RESULT OF SHOOTING OR CHEM- ICAL TREATMENT OF WELL	ALTERING CASING
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	BEPORT ON DEEPENING WELL
REPORT ON RESULT OF PLUGGING OF WELL	
January 4,	
DIL CONSERVATION COMMISSION, SANTA FE, NEW MEXICO Gentlemen:	Date
Following is a report on the work done and the results o	
	ateWell No. 2-Ain the
Company or Operator NE/4of Sec36	<u>, T24-S, R36-E</u> , N. M. P. M.,
anglie-Mattiz Field,	Lea County.
The dates of this work were as follows: <u>1-3-49</u>	mitted on Form 30-101 1-3 1949
Notice of intention to do the work was (waskingt) sub- and approval of the proposed plan was (was not) obtained.	
	RK DONE AND RESULTS OBTAINED
Spudded 12:30 a.m. 1-3-49.	
Witnessed by J. K. Pevehouse Shell	011 Company, Incorporated Production Foreman
Name	Company - Title -
Subscribed and sworn before me this 4th	I hereby swear or affirm that the information given above - is true and correct.
day ofJanuary19_49_	Name Frank R. Lovering
	Position District Superintendent
Notary Public	Representing <u>Shell 011 Company</u> , Incorporated Company or Operator
My commission expires	Address Box 1457 Hobbs, New Mexico
MJ CVIIIII001VII CAPICO	- Autom
Remarks: APPROVED	(ly yallyallya) Name
· ·	AL MGRS INSPOUL
Date JAN 1 1 194	19 Title

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orm C-101		NEW MEXICO				(D)~
			Sant <b>a Fe, New</b>	Mexico		1 OPIN -
		NOTICE	OF INTENTI	ON TO DR	ILL	AN JAN Juned before drilling 9
egins. Li c	nanges in une	proposed plan are	considered advisa	Ie. & CODV OI L	nis notice snowing s	ncu cuankes win of - 1
structions	in Rules and	Regulations of the	e Commission.		urned following appr	
<u>.</u>		New Mexico	221 Brachailtean Anns Anns Anns Anns	y rist rijt	January	1949 OFFICE
IL CONSI	ERVATION C	OMMISSION,		1 <b>08 \ ``</b> 1996 - 1997 - 1997	January	C. Date
inta re, N	ew Mexico,	しょうだい ちんそうほどうの	하고, 흔 1고, 사실 전국 2012의		ne nýpi 11 ( <sub>1</sub> ev 1 defendit	ous de l'Étature
10	n are hereby	notified that it is a	ur intention to con	nmence the dri	lling of a well to be	known as
e11 011	Company.	Incorporated	State	te in tyle strag Lesse	Well No. 2-A	inNE/4
					tix Field, Lea	
	N	• ·			he north line a	and 735 feet
	• • •	( <b>B</b> \$ (W.)	of the east	line of Sec.	36 T 24-S, R 3	6-E
		(Ex (W.) (Give directions.)	of the east location from sect	line of Sec.	<u>36 T 24-S, R 3</u> gal subdivision lines	6-E Cross out wrong
		(Ex (W.) (Give directions.) If state land	of the east	line of Sec.	36 T 24-S, R 3 gal subdivision lines -1167 Assignmen	E Cross out wrong O/L CONSERVATION
Sec. 3	6	(Ex (W.) (Give directions.) If state land If patented	of the east location from sect d the oil and gas h land the owner is	line of Sec.	36 T 24-S, R 3 gal subdivision lines -1167 Assignmen	Cross out wrong OIL CONSERVATION t No. SAINTA FE ACON
Sec. 3	5 1 1 1 1 1 1 1 1 1 1 1 1 1	(Ex (W.) (Give directions.) If state land If patented Address	of the east location from sect d the oil and gas l land the owner is	line of Sec.	36 T 24-S, R 3 gal subdivision lines -1167 Assignmen	Cross out wrong OIL CONSERVATION t No SAINTA FE AVEW A
Sec. 3	5 1 1 1 1 1 1 1 1 1 1 1 1 1	(Give directions.) If state land If patented Address If governme	of the east location from sect d the oil and gas l land the owner is ent land the perm	line of Sec. ion or other le ease is No. B-	gal subdivision lines -1167 Assignmen	t No SANTA FE ALEW A
Sec. 3	6 1 1 1 1 1 1 1 1 1 1 1 1 1	(Ex (W.)) (Give directions.) If state land If patented Address If governm Address The lessee is	location from sect d the oil and gas l land the owner in ent land the perm	ion or other le ease is No. B- 	gal subdivision lines -1167 Assignmen	t No SANTA FE ALEW A
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Additional information:

See reverse side.

JAN 1 1 1949 19 Sincerely yours, Approved. except as follows: Shell Oil Company, Incorporated Company or Operator

By Frank R. Lovering Jun Position District Superintendent Send communications regarding well to Name Shell Oil Company, Incorporated Address Box 1457 Hobbs, New Mexico

OIL CONSERVATION COMMISSION, B -----

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This well will be drilled with same type mud and under same conditions as Shell State No. 1, (a direct south offset), in which well, cement reached top of salt as determined by temperature and caliper surveys, using 100 sacks less cement than specified above. If hole conditions differ, the Commission will be notified. This well is located 75 feet west of Shell State No. 2 which was J & A 1-1-49. Shell State No. 2 (TD 628') will be tested for water production and if not converted to a water well, will be properly P & A as soon as drilling of State 2-A is complete.

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DOYLE HARTMAN Oll Operator , 600 NA MAIN P. O. BOX 10426 MIDLAND, TEXAS 79702

(915) 684-4011

November 12, 1982

To all Off-setting Jalmat Gas Owners Langlie "A" State No. 3 SE/4 NE/4 and NE/4 SE/4 Section 36, T-24-S, R-36-E Lea County, New Mexico

We respectfully request your approval of the following application to the New Mexico Oil Conservation Division:

 Simultaneous dedication of the 80 acres consisting of SE/4 NE/4 and NE/4 SE/4 Section 36, T-24-S, R-36-E, Lea County, New Mexico to our presently existing Langlie "A" State No. 2 Jalmat Gas Well and and the soon to be drilled Langlie "A" State No. 3.
 The drilling of the Langlie "A" State No. 3 at an unorthodox Jalmat gas location consisting of 1980' FSL and 330' FEL of Section 36.

This letter is also your notice of our intention to qualify the proposed Langlie "A" State No. 3 as a Section 103 (Infill) Jalmat Gas Well.

Please designate your approval of the above by signing (1) one copy of this request and returning it in the enclosed stamped self-addressed envelope at your earliest convenience. The other copy of this letter is to be retained for your files.

Thank you for your cooperation in this matter.

Very truly yours, Doyle Hartman, Oil Operator

, 1982

many G. Himm

Larry A. Nermyr Engineer

Agreed to	this			_ day	of	
The First	National	Bank	of	Fort	Worth,	Texas
Ву						
Title		<u> </u>				
Sun-Texas		·				

By

Title

Langlie	"A"	State	No.	3	-	Off	set	ting	Jalmat	Gas	Owners	
November	12,	1982					à	-				
Page 2						•						

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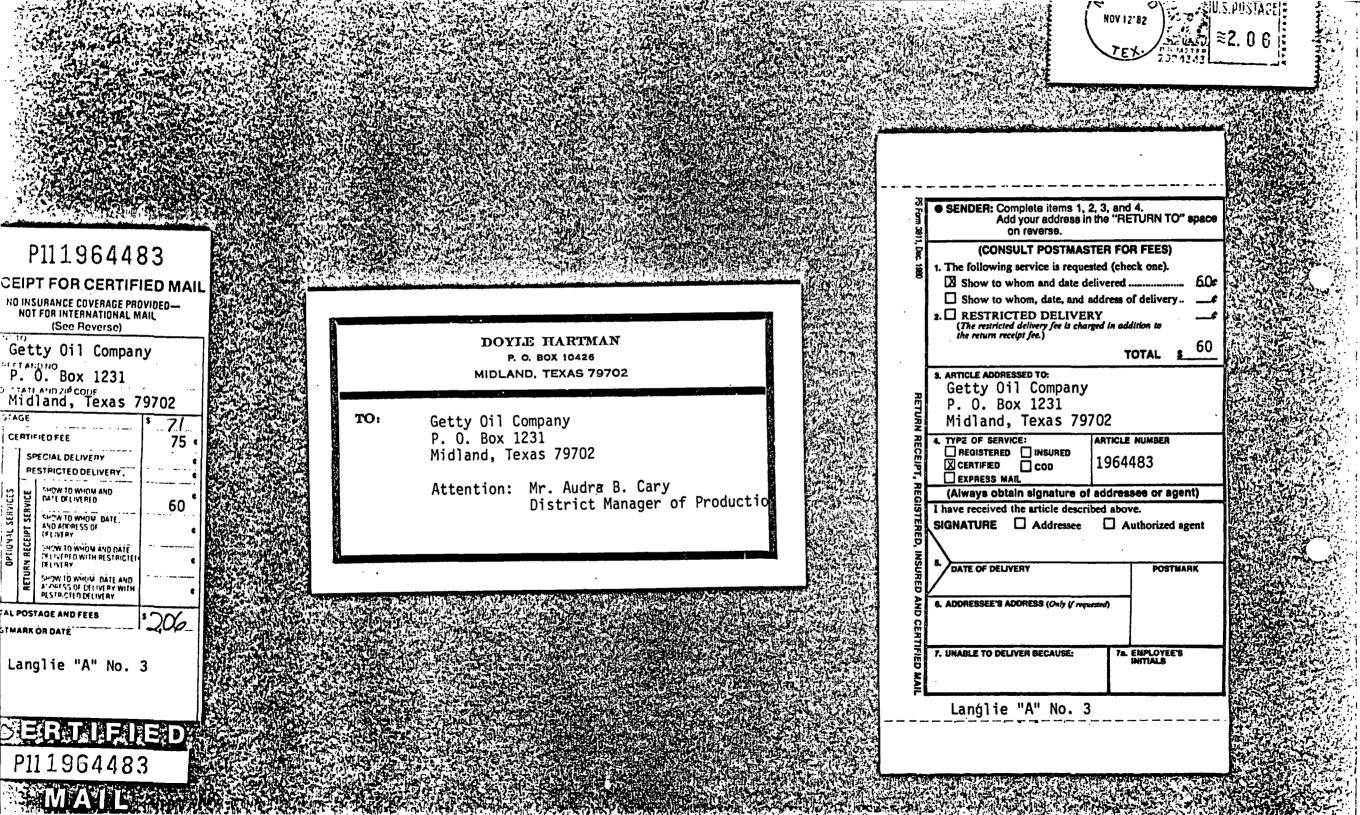
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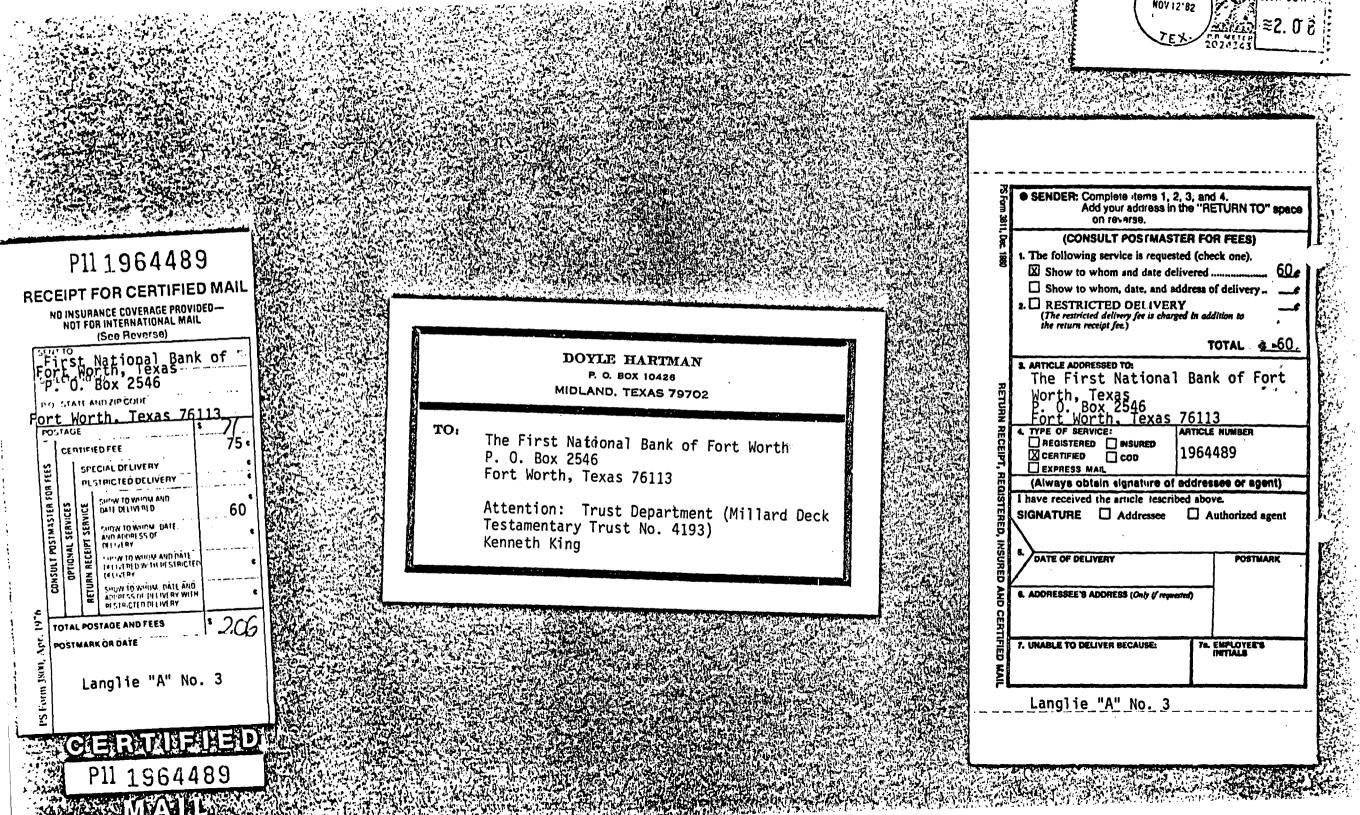
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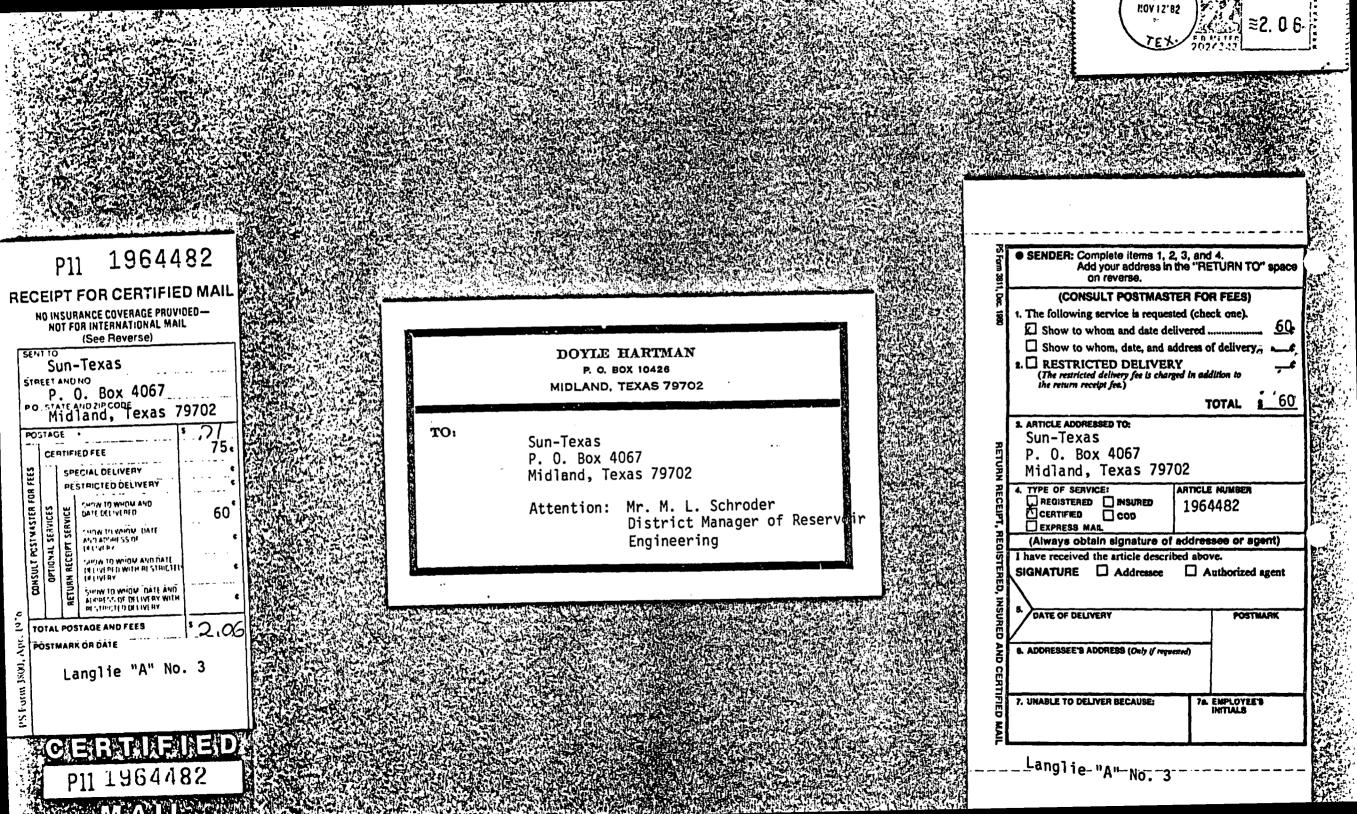
Phillips Petroleum Company

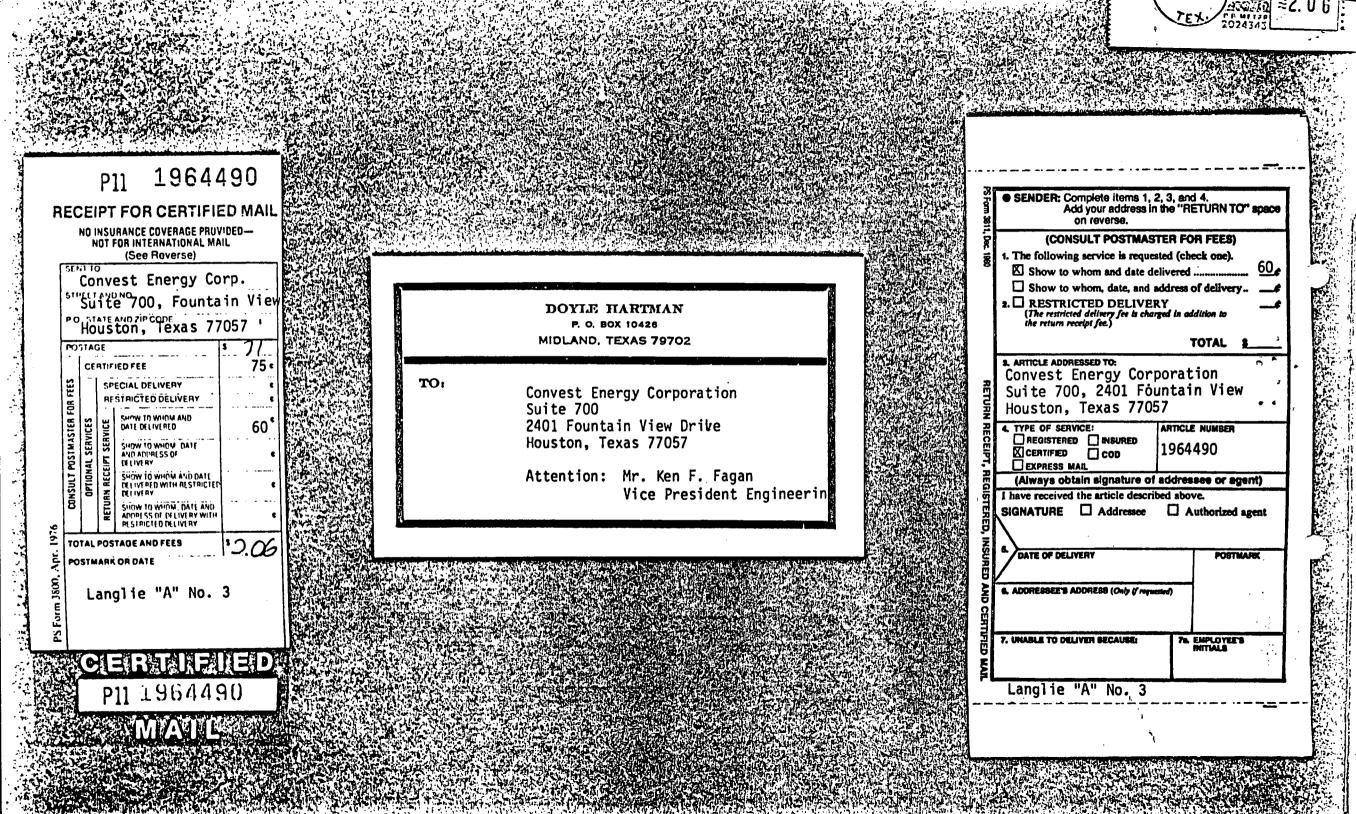
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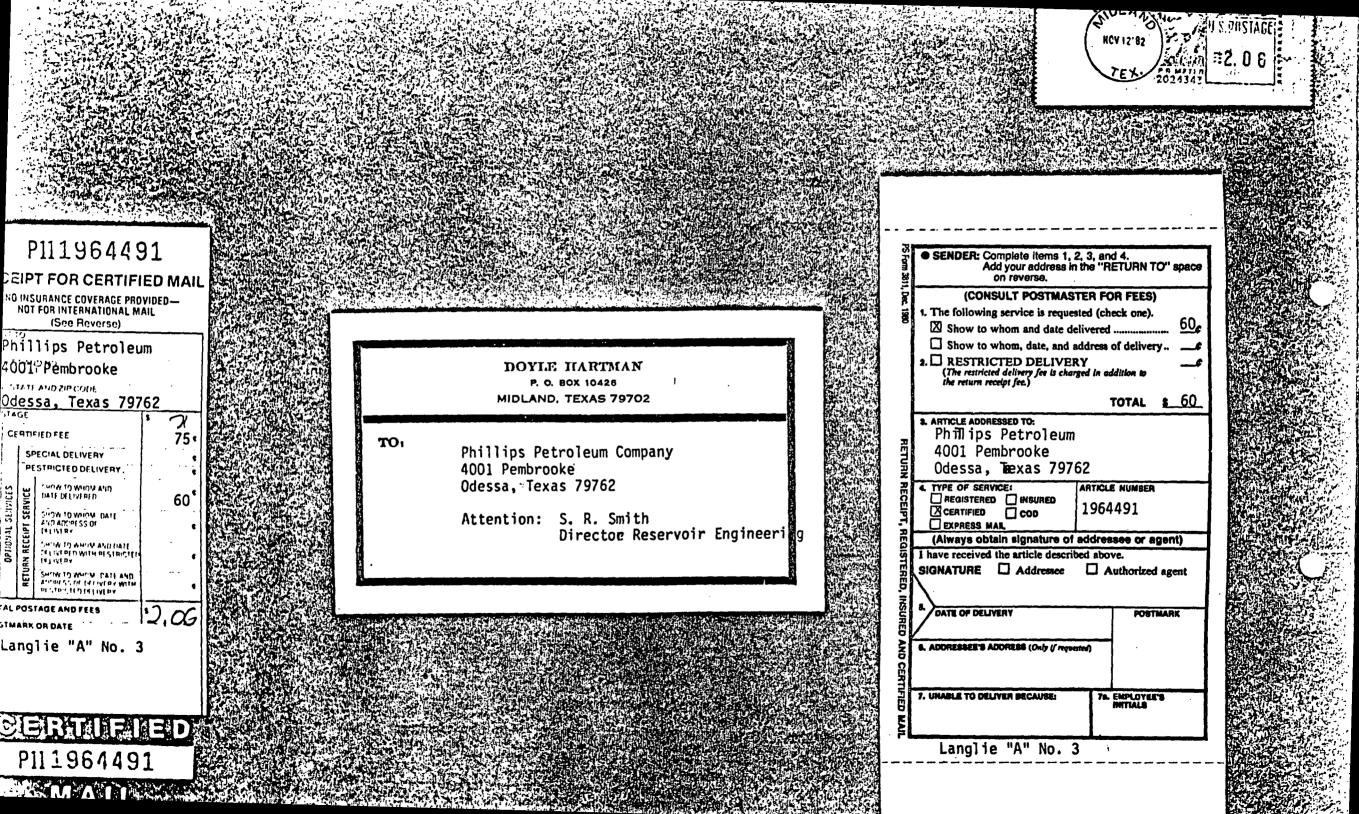
Title \_\_\_\_\_











P. O. BOX 871 SANTA FE, NEW MEXICO

March 1, 1961

Shell Oil Company P. O. Box 845 Roswell, New Mexico

Attention: Mr. R. L. Rankin

Administrative Order NSP-525

Gentlemen:

· ser (Mathers -

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

> TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM Section 36: SE/4 NE/4 and NE/4 SE/4

It is understood that this unit is to be dedicated to your Shell State 2 A Well, located in Unit H of said section 36.

By authority granted me under provisions of Order No. R-1670, you are hereby authorized to operate the above described acreage as a non-standard gas proration unit, with 'allowable to be assigned thereto in accordance with the pool rules, based upon the unit size of 80 acres.

Very truly yours,

A. L. PORTER, Jr., Secretary-Director

ALP/OEP/Og

CCI

Oil Conservation Commission - Hobbs Oil & Gas Engineering Committee - Hobbs

El Paso Natural Gas Company - El Paso

OL CONSERVATION COMMISSION P. O. BOX 871

SANTA FE, NEW MEXICO

March 1, 1961

Shell Oil Company P. O. Box 845 Roswell, New Mexico

Attention: Mr. R. L. Rankin

Administrative Order NSP-525

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Very truly yours,

A. L. PORTER, Jr., Secretary-Director

ALP/OEP/og

cc: Oil Conservation Commission - Hobbs Oil & Gas Engineering Committee - Hobbs El Paso Natural Gas Company - El Paso OIL CONSERVATION COMMISSION

P. O. BOX 871 SANTA FE, NEW MEXICO

March 1, 1961

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Attention: Mr. R. L. Rankin

Administrative Order NSP-525

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Very truly yours,

A. L. PORTER, Jr., Secretary-Director

ALP/OEP/Og

CC: Oil Conservation Commission - Hobbs Oil & Gas Engineering Committee - Hobbs El Paso Matural Gas Company - El Paso DOYLE HARTMAN Ol Operator 500 N. MAIN P. O. BOX 10426 MIDLAND, TEXAS 79702

(915) 684-4011

JAN 17 1983 OIL CONSERVATION DIVISION SANTA FE

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January 14, 1983

State of New Mexico Energy and Minerals Department Oil Conservation Division Post Office Box 2088 Santa Fe, New Mexico 87501

Attention: Mr. R. L. Stamets

Re: Administrative Procedure Infill Finding Langlie "A" No. 3 Section 36, T-24-S, R-36-E at 1980' FSL & 330' FEL 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 Langlie "A" No. 3 located 1980' FSL and 330' FEL Section 36, T-24-S, R-36-E, Lea County, New Mexico.

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

- <u>Rule 5</u> A copy of approved Form C-101 for the infill well and Form C-102 showing the production unit dedicated to the well are enclosed.
- <u>Rule 6</u> The name of the pool in which the infill well has been drilled Jalmat (Gas) Pool, and the standard spacing unit therefore is 640 acres.
- <u>Rule 7</u> The number of the Administrative Order approving the non-standard proration unit and unorthodox location dedicated to the well is NSL-1628.
- Rule 8 Table 1 attached to William P. Aycock's letter dated July 19, 1982 shows the following:

State of New Mexico January 14, 1983 Page 2

- a. Lease name and well location;
- 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.
- <u>Rule 9</u> Letter dated December 29, 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
    - 3. effects of secondary recovery or pressure maintenance operations
    - 4. C-104 and C-105 (including Inclination Report)
    - 5. Scout Ticket and Well Log Summary for Doyle
    - Hartman's Langlie "A" No. 3 (Infill Jalmat Well) 6. Scout Ticket and Well Log Summary for Langlie "A"
    - State No. 2 (previous producer on proration unit) 7. N.M.O.C.D. Forms for the Langlie "A" State No. 2
    - (previous Jalmat producer on proration unit).
- Rule 10 This application for infill finding is being filed in duplicate with the Santa Fe office of the Division.
- <u>Rule 11</u> 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.

State of New Mexico January 14, 1983 Page 3

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

Very truly yours, DOYLE HARIMAN

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Becky Eichinger, Administrative Assistant

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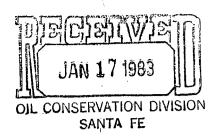
Enclosures

ι;

## WILLIAM P. AYCOCK & ASSOCIATES, INC.

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

December 29, 1982



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

Attention: Mr. Mike Stogner

Subject:

Administrative Application for Infill Well Findings for Doyle Hartman's Langlie "A" No. 3 Well, Section 36, Township 24 South, Range 36 East, 1980' FSL and 330' FEL, Jalmat (Gas) 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-6013-A. The following constitute the requirements of the said Order:

Rule 5: Attached are copies of the 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, and the standard spacing therefor is 640 acres.
- Rule 7: The non-standard proration unit and unorthodox well location were approved administratively by Order No. NSL-1628, a copy of which is attached hereto.
- Rule 8: See attached Table No. 1, "Summary of Required Information, Rule 8, Exhibit "A", Order No. R-6013-A" for requirements of Sections "a." through "f.". Also required by 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." The Jalmat (Gas) Pool well to which the present 80-acre non-standard proration unit was assigned was the Doyle Hartman Langlie "A" State No. 2; this well produced 415 MCF in October 1982, with an accumulative gas production

New Mexico Departmant of Energy and Minerals, Oil Conservation Division ' December 29, 1982 Page 2

> of 681.8 MMCF. The estimated ultimate gas recovery for the Doyle Hartman Langlie "A" State 2 is 692.8 MMCF as of October 1, 1982, resulting in an estimated future gas recovery for this pre-existing well of 11.0 MMCF. The estimated future life is about twenty-four months. Accordingly, any producible gas reserves that remain beneath the subject lease would have been substantially not recoverable from the subject property without the drilling of the infill application well.

Rule 9:

Section a.

Requires that a formation structure map be submitted; attached is a Yates formation structure map of the immediate area containing the subject lease.

Section 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 Langlie "A" No. 3 is 74 MMCF. Since the gas to be recovered from the Doyle Hartman Langlie "A" State No. 2 is estimated to be 11 MMCF, the increased ultimated recovery is 63 MMCF. The estimate of increased recovery for the Doyle Hartman Langlie "A" No. 3 was accomplished as follows:

(1) Well logs for the Doyle Hartman Langlie "A" No. 3 were analyzed, resulting in the following:

Mean Porosity, Fraction of Bulk Volume0.180Mean Connate Water Saturation,<br/>Fraction of Net Effective Pore Volume0.27

Net Effective Pay Thickness, Feet

Since the gross pay thickness constituting potential gas reservoir for the langlie "A" No. 3 is 63 feet, the above represents a net effective pay thickness to gross pay thickness ratio of 54 percent.

(2) The production test for the Doyle Hartman Langlie No. 3 performed on December 27, 1982, was analyzed, resulting in the following:

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	Departmant of Energy and Minerals, ation Division , 1982	
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	Stabilized Deliverability Coefficient, MCF/day per psia <sup>2</sup> ,	0.010720
	Initial Stabilized Wellhead Shut-in Pressure (Pc), psia	128.2
	Initial Gas Formation Volume Factor scf/rcf	8.71
	(3) The results of steps (1) and (2) were resulting in the following:	then combined,
	Original Gas-in-Place	
	MMCF/Acre	1.696
	MMCF/80 Acres	135.7
	Estimated Gas Recovery Factor, Fraction of Original Gas-in-Place	0.545
	Estimated Ultimate Recovery, MMCF per 80 Acres	74.0
Section c.	Other supporting data submitted include the	e following:
	Well Log/Completion Summary for the pre-ex Hartman Langlie State "A" No. 2.	isting Doyle

Gas Production History Tabulation and Graph for Doyle Hartman Langlie State "A" No. 2 (the pre-existing well).

Complete New Mexico Oil Conservation Division (NMOCD) Forms on file for both the pre-existing Doyle Hartman langlie State "A" No. 2 and the Infill Hartman Langlie "A" No. 3.

New Mexico Oil Conservation Division Order No. NSL-1628

New Mexico Department of Energy and Minerals, Oil Conservation Division P. O. Box 2088 Page 4

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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.F.

WPA/pkm

Enclosures

## TABLE NO. 1

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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, OPERATOR*	INFILL APPLICATION WELL DOYLE HARTMAN, OPERATOR
a.	Lease Name and Well Location	Langlie "A" State No. 2	Langlie "A" No. 3 330' FEL & 1980' FSL
b.	Spud Date	January 3, 1949	December 8, 1982
с.	Completion Date	February 14, 1961 in Jalmat Pool	December 27, 1982
d . -	Mechanical Problems	Originally Completed in Langlie Mattix February 6, 1949; Langlie Mattix abandoned February, 1961 due to "fish" with top at 3281'.	None
<b>e</b> •	Current Rate of Production	13.4 MCF/day in October, 1982	C-105: 132 MCF/day
f.	Date of Plug and Abandonment	Not Plugged	Not Plugged

\*Drilled by Shell Oil Company; Operator changed to Petroleum Corporation of Texas June 1, 1970; Doyle Hartman became Operator November 2, 1982.

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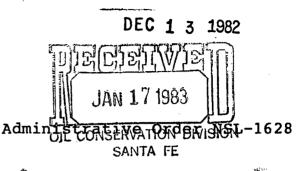
December 6, 1982

<sup>1</sup> POST OFFICE BDX 2088 FTATE LAND OFFICE BUILDING BANTA FE, NEW MEXICO 87501 1505) 827-2434

BRUCE KING GOVERNOR LARRY KEHDE

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

Attention: Larry A. Nermyr



Gentlemen:

Reference is made to your application for approval of a non-standard location for your Langlie "A" Well No. 3 located 1980 feet from the South line and 330 feet from the East line of Section 36, Township 24 South, Range 36 East, NMPM, Jalmat Gas Pool, Lea County, New Mexico.

Also, you are hereby authorized to simultaneously dedicate an existing 80-acre proration unit comprising the NE/4 SE/4 and SE/4 NE/4 of said Section 36 to the above-described well and your Langlie "A" State Well No. 2 located in Unit H of said Section 36. Further, you are hereby permitted to produce the allowable from any of the wells on the proration unit in any proportion.

By authority granted me under the provisions of Rule 3 of Order No. R-1670, the above-described unorthodox location is hereby approved.

Sincerely

JOE D. RAMEY, Director

JDR/RLS/dr

cc: Oil Conservation Division - Hobbs

Oil & Gas Engineering Committee - Hobbs

Oil & Gas Division - State Land Office - Santa Fe

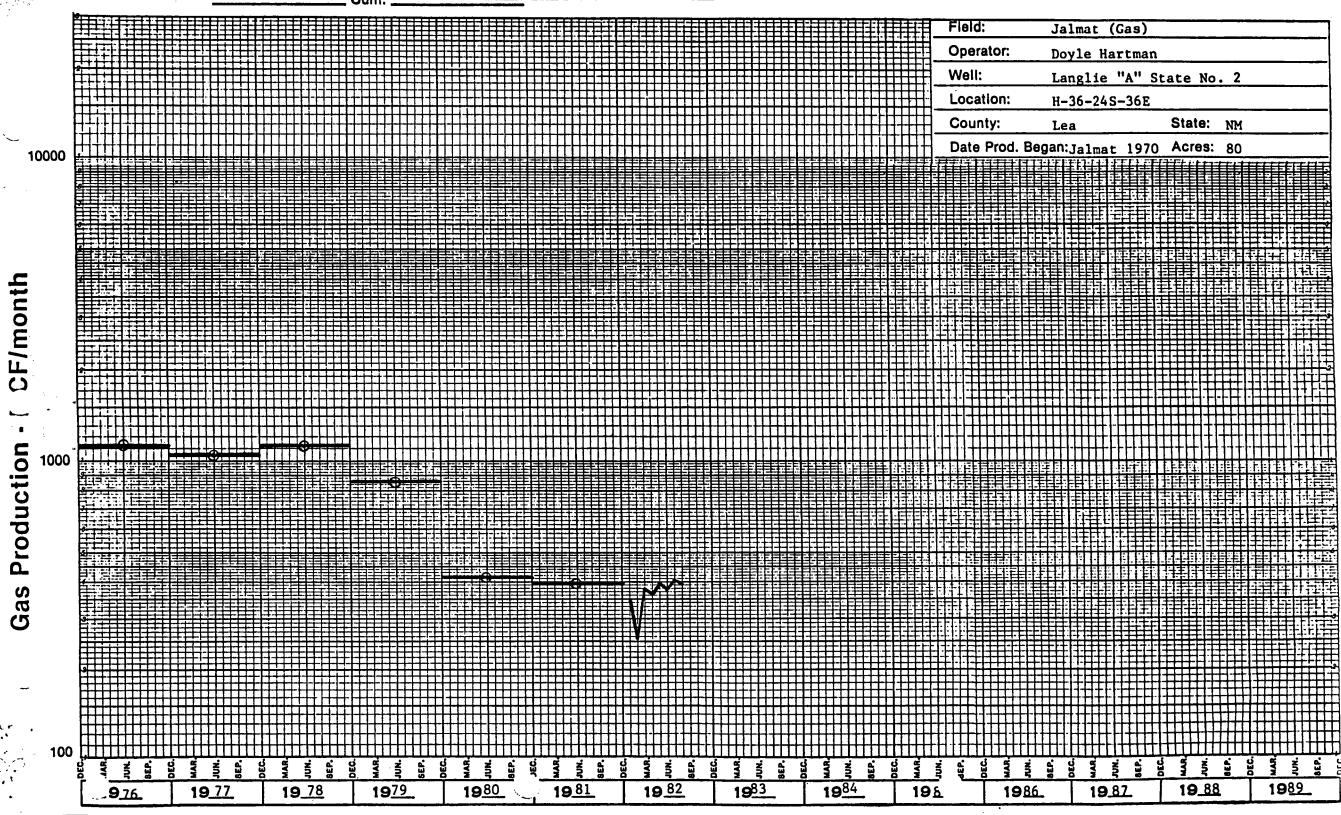
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# GAS PRODUCTION HISTORY

Date <u>11-2-82</u>			Page <u>1</u> of <u>1</u>
Operator:	Doyle Hartman/Petroleum	n Corp. of Texas	·
Well:	Langlie "A" State No. 2	2	
Location:	H-36-24S-36E		
			;
r			;
Pool:	Jalmat (Gas)	1.	
Spud Date:	0	riginal Completion Date:	<u> </u>
Completion Interval (Ga	s):		· · · · · · · · · · · · · · · · · · ·
Completion Date (Gas):	· · · · · · · · · · · · · · · · · · ·	First Production (Gas):	
Remarks:	Recompleted Jalmat (Gas	a) 1970 - change in operator 11/	82
			· · · · · · · · · · · · · · · · · · ·

Year	No. of Mos.	Annual Gas Production (MCF)	Avg. Gas Rațe ( MCF/mo.)	Cum. Gas Production (MMCF)	Annual SIP (psia)	P/Z	
1973	12	14948	1246	598.1	217.2	225	
1974	12	11534	961	609.7	222.2	230	
1975	12	12114	1010	621.8	213.2	220	
1976	12	13407	1117	635.2	217.2	225	
1977	9	9405	1045	644.6	23.2	23	
1978	12	13259	1105	657.8	142.2	145	
1979	12	10389	866	668.2	135.2	140	
1980	12	5212	434	673.4	99.2	100	
1981	12	4695	391	678.1	99.2	100	
1982							
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19	<u>82                                    </u>	19_	Detail Summary	
Jan. <u>343</u>	July403	Jan	July	
Feb259	Aug <u>399</u>	Feb	Aug	
March	Sept	March	Sept	
April368	Oct	April	Oct	
May <u>391</u>	Nov	May	Nov	
June <u>380</u>	Dec	June	Dec	
	•			
Production (Y-T-D)	· · · · · · · · · · · · · · · · · · ·	Avg. Rate (Y-T-D)	: 	
Days or Months (Y-T-D)				



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This logs is to be filed with the appropriate District Office of the Commission not Inter than 20 days after the composition or any newsponse or despend well. It shall be account and by one capy of all districted of histochivity logs on on the well and a commony of all special tests con durify, including and a summary of all experied them including processingly logic functionally diffed wells, the vertical depths shall be manufed for the topologically diffed wells, the vertical depths shall also be travited. For multiple completions, theme. 30 through 34 shall be repetited for each zone. The form is to be filed in quintuplicate exception state fact, where six codes are required. For bulk 1105.

# INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

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#### Southeastern New México

1

#### Northwestern New Mexico

T. Anhy 1110	<b>m</b>		
			T. Penn. "B"
			T. Penn. "D"
			T. Leadville
T. 7 Rivers <u>2992</u>	T. Devonian	T. Menefee	T. Madison
			T. Elberi
T. Grayburg		T. Mancos	T. McCracken
Ť. Siin Andres	T. Simpson	T. Gallup	T. Ignacio Qizte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger		T
T. Blinebry	T. Gr. Wash	T. Morrison	T
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T. Penn	T	T. Permian	T
		T. Penn "A"	
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No. 2, from	to		
No. 3, from			to
	IMF	PORTANT WATER SANDS	
Include data on rate of water	inflow and elevation to which w		
No. 1, from		fcet.	······
No. 2, from			
No. 4, from			

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1110		102	Anhydrite				
1212	2630	1418	Salt and Anhydrite	Í		[	
2630	2783	153	Dolomite and Anhydrite			1	
2783	2992	209	Dolomite and Sandstone				
2992	3364	372	Dolomite and Sandstone	i)			
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СП53 ПЛОГА ЮН SANTA F8 F П.С	REQUI	DIL CONSERVATION COMMISSION LST FOR ALLOWABLE AND TRANSPORT OIL AND NATURAL	Thim C-104 Superardra Old C-114 and Ellinguive 1-1-65
LAND OFFICE		TRANSPORT OIL AND NATURAL	27/8/2
Doyle Hart	man	1	
Address P. O. Box	10426 Midland, Texas	79702	WEIN
Reason(s) for filing (Check proper New Wall X	box)	Onlight Andrew Children -	
Recompletion	Change Ir. Transporter of: Cil Dry	y Gan D JAN 171	983
Change in Ownersi.ir	Casinghead Gas 🗍 Ca	OIL CONSERVATION	ON DIVISION
If change of ownership give name and address of previous owner	•	SANTA	FE
DESCRIPTION OF WELL AN	D LEAST		se Lease No
Langlie "A" State	Jalmat (Gas		
	980 Feel From The South	Line and Feet From	The East
	ownship 245 Range	36E , NKFM, Lea	County
DESIGNATION OF TRANSPO	RTER OF OIL AND NATURAL (	GAS	
Nome of Authorized Transporter of C	or Condensate	Address (Give address to which appro	oved copy of this form is to be sentj
None of Authorized Transporter of C	YICK YICK	Address (five address to which appro	wed copy of this form is to be sent)
El Paso Natural Ga	S Company	P. O. Box 1384, Jal, 1	New Mexico 88252
If well produces cil or liquids, give location of tanks.		No	Jan. 1983
If this production is commingled w COMPLETION DATA	ith that from any other lease or pool	1, give commingling order number:	
Designate Type of Completi	ion - (X)	New Well Workover Deepen	Plug Back Same Res'v. Dill, Res's
Date Spudded 12/8/82	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Fermation	3367 Top 0!!/Gas Pay	3039 Tubing Depth
3254.3 GL	Yates	2785	3007 Depth Casing Shoe
2785 - 2877 ( Yate			3366
HOLE SIZE	TUBING, CASING, AN	DEPTH SET	SACKS CEMENT
12 1/4	9 5/8	401	250 sx (circ)
8_3/4	7	3366	675 sx (circ)
	1		
TEST DATA AND REQUEST FO OIL. WELL. Date First New Cil Bun To Tanks		after recovery of total volume of load oil a epth or be for full 24 hours) Producing Method (Flow, pump, gas lift	
Length of Test	Tubing Pressure	Cosing Pressure	Chcke Size
Actual Fred. During Test	Cíl-Sbis.	i Water - Bbie.	Gas-MCF
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TAS WELL			
Actual Frod. 1 est-MCJ/2	Length of Test 24 hours	Bbis. Condensate/MMCF	Gravity of Condensate
Feature Method (pitot, back pr.)	Tubing Pressure (Sunt-in)	Coulty Fresture (Stat-10)	Choke Size
Orfice Tester	~~~ 	FCP=51 psi (SØCP=115) OIL CONSERVAT	22/64 ION COMMISSION
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prinistion have been complied wi	gulations of the Oil Conservation th and that the information given		
one is the and complete to the	DELE DE MY KNOWLEUGE AND DELLES.		
		TITLE	mpliance with AULE 1106,
Langli jam-		If this is a request for ellowal	its for a newly drilled or deepen-
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a sans annana ann a dh' ann ann ann an an	1982	well name or populars, or light points,	III, and VI for changes of country
(1)	·	fir parate 1 arms C-104 must b	e filed for each pool in multip of

INCLINATION REPORT

<u>as 79702</u>

**OPERATÓ** ADDRESS P.O. BOX 10426, MIDLAND, DOYLE HARTMAN

LEASE NAME LANGLIE A WELL NO. 3 FIELD DFC Z 1982 LUCATION LANGE TE A #3

LOCAL TON THIN			
	ANGLE	· · ·	DISPLACEMENT
DEPTH	INCLINATION DEGREES	DISPLACEMENT	ACCUMULATED
430	$\frac{1}{4}$	1.8920	1.8920
960	3/4	6.9430	8.8350
1556	3/4	7.8076	16.6426
2115	1 3/4	17.0495	33.6921
2617	2 3/4	24.0960	57.7881
2708	2 3/4	4.3680	62.1561
3000	2	10.1908	72.3469
3367	$1\frac{1}{2}$	9.6154	81.9623

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

OFFICE MANAGER TITLE DEBBIE CLARK.

AFF IDAV IT:

Before me, the undersigned authority, appeared DEBBIE CLARK known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

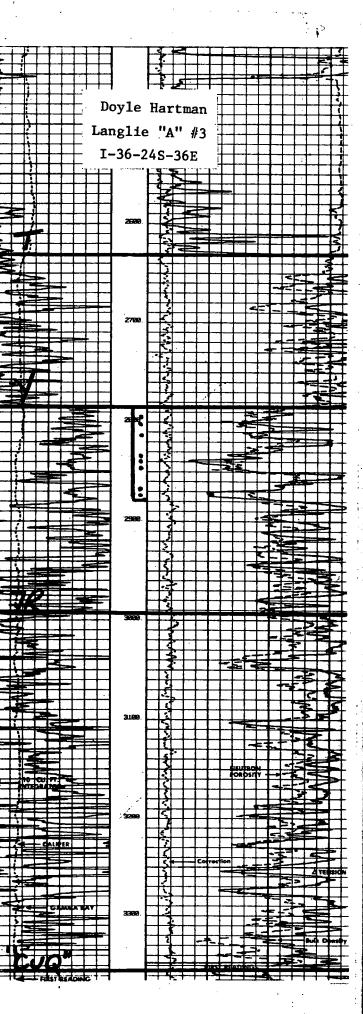
AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 20TH day of DECEMBER 1982

OFFIELA TAYLOR NOTARY PUBLIC NEW MEXICO NOTARY BOND FILED WITH SECRETARY OF STATE MY COMMISSION EXPIRES FEBRUARY 6, 1984

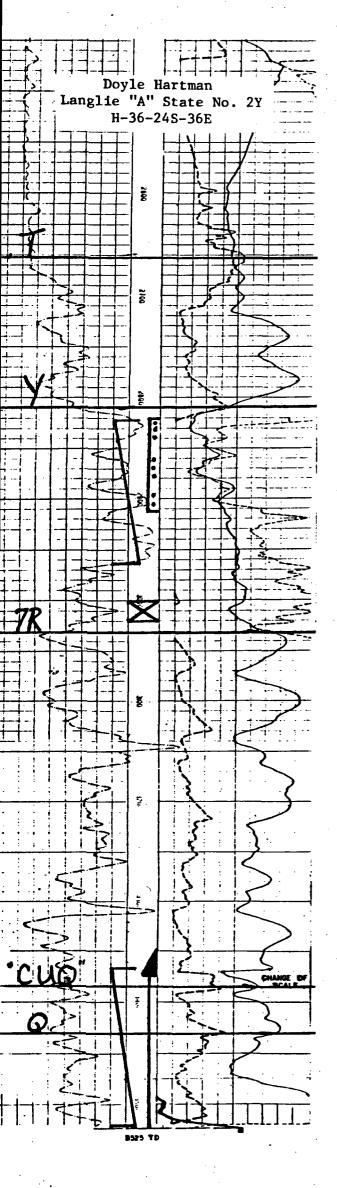
Notary Public in and for the County of Lea, State of New Mexico

SEAL



COMPANY	Doyle Hartman
	Langlie "A" State No. 3
FIELD	Jalmat (Gas)
LOCATION	1980 FSL & 330 FEL (I)
·	Section 36, T-24-S, R-36-E
COUNTY	Iea
STATE	New Mexico
ELEVATIONS:	кв <u>3264</u>
	DF
	GL 3254

COMPLETION RECORD					
SPUD DATE 12-18-82 COMP. DATE 1	2-27-82				
тр 3367 рвтр 3039					
CASING RECORD 9 5/8 @ 401 W/250					
7 @ 3366 W/675					
PERFORATING RECORD Perf: 2785-2877 W/20					
(Yates)					
STIMULATION A/5300					
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DST RECORD	<u> </u>				
Pump arrangment: 6X64X1 <sup>1</sup> / <sub>4</sub>					
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	· · · · ·				
REMARKS					
	· .				



COMPANY	Doyle Hartman			
	(Petco, Shell)			
WELL	Langlie "A" State No. 2Y			
	(Shell State No. 2A)			
FIELD	Jalmat (Gas)			
	1980 FNL & 735 FEL (H)			
	Section 36, T-24-S, R-36-E			
· · · · · · · · · · · · · · · · · · ·				
COUNTY	Iea			
STATE	New Mexico			
ELEVATIONS:	КВ			
	DF3265			
	GL			

· ·	COMPLETION RECORD
SPUD DATE	1-3-49 COMP. DATE 2-6-49
_TD	3525 рвтр
CASING RECOR	ap 8 5/8 @ 365
	5 1/2 @ 3375
PERFORATING	RECORD OH: 3375-3525
STIMULATION	Natural
•	
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
• <del>••</del> ••••••••	
IP	IPF=50 BOPD + 2 BWPD
GOR	GR
1P.	410 CP 520
CHOKE	16/64 TUBING @
DST RECORD	DST 2822-2963: OP 0:40. GTS
	2 min @ 2900 MCFPD. FP=900.
	DST 3368-3525: OP 3:20. FTS
	in 40 min @ 100 BFPD. 40% Oil.
	2-14-61 PB @ 3000. Perf 2825-2912
	W/10. SF/27000. CAOF: 2200 MCFPD.
	Well completed as Jalmat (Gas) producer.
REMARKS	
	1-1-82 Cum: 678.1 MMCF
	10-82 Prod: 13 MCFPD

bn. ne prise second			· · · · <del>-</del>	2
DISTRIBUTION SANTA FE FILE		L CONSERVATION COM ST FOR ALLOWABLE AND		
U.S.G.S.	AUTHORIZATION'TO TR		NATURAL GA!	
IRANSPORTER DIL		2	and an and a second s	
GAS DPEI.ITOR				NOV 1 7 1982
PROPATION OFFICE				
J DOYLE HARTMAN	· ·	JAN	17 1983	
P.O. BOX 10426,	MIDLAND, TEXAS 79702		<u> </u>	J
Reason(s) for filing (Thech proper be New We!)	Change in Transporter of:		ANTA FE	JN
Recompletion Change in Ownership X		Gas -	n v Fri i Balla Martin States i Vinterio II.	
If change of ownership give name				
and address of previous owner	Petroleum Corporation	of Texas, P. O.	<u>Box 911, Bre</u>	<u>eckenridge, Texas 76</u>
DESCRIPTION OF WELL AND	D LEASE Vell No. Pool Name, Including I	Fermation	Kind of Lease	Lease
Langlie "A" State			Stole, Federal or I	
	980 Feel From The North L	Ine and	Feel From The _	Fact
		36E . NMPN	•	
			<u>"L_F-u</u>	
DESIGNATION OF TRANSPOR	RTER OF OIL AND NATURAL G	AS Astress (Give address	to which approved e	copy of this form is to be sentj
Nome of Authorized Transporter of Co		Address (Give address	to which approved t	copy of this form is to be sentj
El Paso Natural Gas C	Company Unit Sec. Twp. Pge.	Box 1384, Jal,		88252
give location of tarks.		Yes	2-14	14-61
If this production is commingled wi COMPLETION DATA	with that from any other lease or pool,			
Designate Type of Completio	ion (X)	Now Well Workover	Deepen Plu	lug Back Some Res'v. Diff. Re
Date Spuddod	Date Compl. Ready to Prod.	Total Depth	P.1	.B.T.D.
Elevations (DF, RKB, RT, GR, etc.)	Name of Fraducing Formation	Top Oll/Gas Pay	· 70	ubing Decih
Pertorations		<u> </u>	De	epth Casing Shoe
	TURING CASING, AN	D CEMENTING RECOR	21)	
HOLESIZE	CASING & TURING SIZE	DEPTH SE		SACKS CEMENT
	· · · · · · · · · · · · · · · · · · ·			
				······································
TEST DATA AND REQUEST FO	OR ALLOWABLE (Test mut be a	1 fer recovery of socal volu	ume of load oil and m	must be equal to or exceed top all
Date First New Cil Run To Tanks	Date of Test	enth or be for full 24 hours	•)	
· · · · · · · · · · · · · · · · · · ·		Casing Freesure		noke 5:20
Longih of Tool	Tuting Pressue			
Actual Fred. During Tool	Cil-Bble.	Wales - Bbis.		•-MCF
	L	1		
GAS WFLL Actual Find. 7001-VCF/D	Length of Test	Bbls. Cordensale/MMCF	F Gra	avily of Condensate
Teating Leatend (pitne, back pr.)	Tuhing Pressue (Chut-10)	Cosing Pressure (Sbut-	-in) Chr	ote Size
			CONSERVATIO	COMUSSION
CLRIHICATE OF COMPLIANC	ЭЕ –		NOV 15.1	SO
Communition have been complied w	regulations of the Oil Conservation with and that the information given	APPROVED	1 1.	
ommission more than and complete to the	thest of my knowledge and belief.	BY Calder	E GAS INST	NFCTOK
	. /			Jianco with RULE 1104.
, xa. 17 (1. ) i	ľ	If this is a requ	unat for allowable to a companied b	for a newly drilled or deepen by a tabulation of the deviati
ENGINEER	,itwo)	well, this form niust tests taken on the w	t pa accompanial f Mais in accordance	by a tabulation of the deviati a with AULE 111.
(1 a)		able on new and rea	completed walls.	filled out completely for elle
NOVEMBER 2, 19	982 /	Fill out only &	sections 1, 11, 111.	, and VI for changes of own withor such change of condition

·				CANCE PARTY			
• • •				•			
DISTRIBUTION				in the BATEL Construction of		Form C-103 Supersedes ( C-102 and C-	
ILE		NEW MEXICO C	DIL CON	SERVATION COM	AISSION	Effective 1-1	
.S.G.S. AND OFFICE				13CTSP(V		5a. Indicate Typ State	e of Lease Foe
PERATOR			A MALTINATION	JAN 17 19	183 JIU	5. State Oli & G	as Lease No.
(DO NOT USE THI	SUNDRY NO	TICES AND REPO	RTS ON	ACK TO A DIFFERENT	N DIVISION		
	WELL O	HER-		SANTA		3. Unit Agreemer	(me)
Name of Operator etroleum Co	rporation of	of Texas				8. Farm or Lease Langlie	
Address of Cperator Ox 911, B Location of Well	reckenridge	e, Texas 7	5024		·	9. Well No. 2Y	
UNIT LETTER	H198(	FEET FROM THE]	<u>North</u>	LINE AND 7	3.5 FEET FRO	10. Field and Po	
THE East	LINE, BECTION	36 TOWNSHIP_	24	4SRANGE	36E		
		15. Elevation (Show			<u> </u>	12. County	
	Check Appro	priate Box To Ind	3265 icate N	<del> </del>	, Report or O	Lea ther Data	
NO		TION TO:			SUBSEQUEN	IT REPORT OF:	
RFORM REMEDIAL WORK MPORARILY ABANDON		PLUG AND ABAN		REMEDIAL WORK	5 OPN5.		ING CASING
L OR ALTER CASING		CHANGE PLANS		CASING TEST AND CI OTHER Plug		<u>lie Mattix</u>	Zone X
OTHER		s (Clearly state all pert		ile and sive pertine	nt datas includin	a estimated data of a	, ,
work) SEE RULE 11	08.					-	
1-3-72	MIRU well Pulled 295	service unit 5' 1½" tubin	is Pu ig and	111ed and 1 1 284' 1냧"	Laid down tubing.	sucker rod	15.
1-4-72	S-l landin zone - tem	2-7/8" tubin g nipple @ 2 porarily aba ing @ 2814'.	920'. ndone	(This is ed). Otis	olates La opened sl	anglie Matt Liding slee	ix ve in
1-5-72		t zone throu					
1-6-72	Swab Jalma production	t zone, zone . Release w	kick ell s	ed off, pl ervice uni	aced on p	oipe line f	or
	<u>This is a</u>	single compl	etion	from Jalm	at zone.		
<u></u>					- 11 - 1		
hereby cortily that the	D	s true and complete to t					20
	$\pm \cdot = \int$	figeon Tit	Le <u>Pro</u>	duction Cl	erk	DATE <u>6-6</u>	
OVED BY An	- w. Kum	you TIT	LE		et	. DATE	
DITIONS OF APPROV	VAL, IF ANY:	V	4	- 36 2	d- 7, 4		

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<u>, , , , , , , , , , , , , , , , , , , </u>					53			
NO. OF COPIES RECEIVED					<b>ສ</b> .			
DISTRIBUTION SANTA'FE	иі			-		SSION	Form C -1	
FILE		REQ	UE 21		LOWABLE		Effective	es Old C-104 and ( 1-1-65
U.S.G.S.	AUTHORIZ	ZATION TO	D TR	3.3	OIL AND N		GAS	
LAND OFFICE		• •		7	J.			
IRANSPORTER GAS				•	Rink	RANS	11121211	
OPERATOR						BILUID		
Operator	· [					JAN 1	7 1993 - 1111	
Petroleum Corporati	on of Texas							
Address P. O. Box 911, Br	eckenridge, T	0795	760:	- 24	OIL	CONSERV	ATION DIVISION	
Reason(s) for filing (Check proper bo					Other (Please			<u></u>
New Well	Change in Tra	nsporter of:			Operat	or chan	ge to be effe	ective
Recompletion Change in Ownership X	Oil Casinghead Go	F	Dry G Conde	51	June 1 from S	, 1970. tate "A'	Name change to Langlie	e on lease
If change of ownership give name and address of previous owner	Shell Oil	Company	, Bc	ox 1509,	Midland,	Texas	79701	<u></u>
DESCRIPTION OF WELL AND	TEASE							
Lease Name	0 4-			ime, Includin			Kind of Lease	
Langlie Stote "A"	tate			slie Mat	)(Yates) <del>tix</del>		State, Federal or	Fee State
Unit Letter H ; 198	80 Feet From The	North			725	Feet From		
Unit Letter;7	50FeetFrom The	e <u>Nortn</u>	Lir	1e and		reet rom	The <u>East</u>	
Line of Section 36 , To	wnship 24S	Range	e	36E	, NMPM,		Lea	County
DESIGNATION OF TRANSPOR	TER OF OIL AND	NATURA	L GA	s				
Name of Authorized Transporter of Oil	I K or Conden	sate 🔲	<u> </u>		ive address to	which appro	ved copy of this form	is to be sent)
Texas-New Mexico Pip Name of Authorized Transporter of Ca			<u> </u>	Box 15		land, Te	xas 79701 ved copy of this form	is to be sent 1
El Paso Natural Gas		Dif Gus L	ì		34. Jal.			to be semp
If well produces oil or liquids,	Unit Sec.	Twp. Rg	•	Is gas actu	ally connected		20	·····
give location of tanks.	<u>H</u> 36	245 <u>3</u>	6E	<u> </u>	les		2-14-61	
f this production is commingled wir COMPLETION DATA	th that from any othe	er lease or p	pool,	give commi	ngling order n	umber:	·····	·
Designate Type of Completio	on - (X)	1 Gas W	ell	New Well	Workover	Deepen	Plug Back Same	Res'v. Diff. Res'
Date Spudded	Date Compl. Ready	lo Prod.		Total Depti	۱ ۱ ـــــــــــــــــــــــــــــــــــ		P.B.T.D.	
Pool	Name of Producing F	ormotion		Top Oil/Ga	is Pay		Tubing Depth	
Perforations	1			<u> </u>			Depth Casing Shoe	
				CEMENTI	NG RECORD		SACKE C	
HOLE SIZE	CASING & TU	BING SIZE			DEFINSE	<u> </u>	SACKS C	EMENI
EST DATA AND REQUEST FO	DR ALLOWABLE					of load ail a	nd must be equal to	or exceed top allow
Date First New Oil Run To Tanks	Date of Test	able for th	is dep		full 24 hours) tethod (Flow, p	ump, eas life	etc.)	
	Dule of Yest		[		,		,,	_
Length of Test	Tubing Pressure			Casing Pres	sure	•	Choke Size	
Actual Prod. During Test	Oil-Bbis.			Water - Bbls.			Gas-MCF	
					· · · · · · · · · · · · · · · · · · ·		·	
AS WELL Actual Prod. Test-MCF/D	Length of Test			Bbis. Conde	nsate/MMCF		Gravity of Condense	ite
		· · ·						
Festing Method (pitot, back pr.)	Tubing Pressure			Casing Pres	3 <b>116</b>		Choke Size	·
ERTIFICATE OF COMPLIANC	 F		#	·		NSERVA	TION COMMISSI	ON
				(		JU		
hereby certify that the rules and re				APPROV		SF &		, 19
ommission have been complied wi hove is true and complete to the	best of my knowled	ge and beli	ef.	BY	pre	TYP	Amy_	
Visida		1	Ħ	TITLE	SUPERVIS	<u>OR DIST</u>		
Mr. and	$\gamma $			U This	form is to be	filed in co	mpliance with RUL	E 1104.
Mary K	aylor	/				f	hte for a newly dri	led or deepened
(Signat Production Clerki)	: <b>V</b>			well, this tests take	n on the well	accompani in accord	ance with RULE 1	11.
H 249.11/Tule			-	All sections of this form must be filled out completely for allow- able on new and recompleted wells.				
July 1, 1970				Fill out Sections I, II, III, and VI only for changes of owner, well name or number, or transporter, or other such change of condition.				
			11	- NO. 11 - NO.01	or number of		THE VALUE DUCK COMPL	

	ن، ( <del></del>			· · · · (		•
DISTRIBUTION			CONSE	RVATION COM	- ICHON	Form C ~104
SANTA FE			UEST FOR	ALLOWABLE		Supersedes Old C-104 and C
FILE -		ZATION TO	AND O TRANSPO	). חור דסי חוב און	D NATURAL C	2 2 <b>3 83</b>
LAND OFFICE		Anon F F			11 25	
IRANSPORTER OIL GAS	99.				्रिदिग्रेड्या	MET
OPERATOR PRORATION OFFICE	]	•			JAN 17	1023
Operator						
Shell Oil Company (We: Address	stern Division	<u>n)</u>			CONSERVATI	ION DIVISION
P. 0. Box 1509, Midlan		79701			_	¥2.
Reason(s) for filing (Check proper box New We!)	Change in Tran	manarter of:			ge in Lease	e Name
Recompletion	Oil		Dry Gas	From:	State	e #2Y
Change in Ownership	Casinghead Ga	15	Condensate		State	e A #2Y
If change of ownership bive name and address of previous owner						
DESCRIPTION OF WELL AND		Well Nc. Fr	ool Name, Incl	uding Formation	a	Kind of Lease B-1167
State J A		21	Jalmat (	• •	Yates	State, Federal or Fee State
Location Unit Letter <u>H</u> ; <u>19</u>	980 Feet From The	e_North	Line and	735	Feet From T	The East
Line of Section 36 , To	ownship 245	Range	<u>• 36e</u>	, NMPI	<u>M,</u>	Lea County
DESIGNATION OF TRANSPOR	TER OF OIL AND		L GAS	-dress	**** ~~~~~	the senti
Nome of Authorized Transporter of Oil Texas-New Mexico Pipe	l or Condens		Addres P: 0	Box 1510	O, Midland,	
Name of Authorized Transporter of Car El Paso Natural Gas Con	usinghead Gas 📄 or ompany	ar Dry Gas 🛣	P. O.	Box 1384	to which approv 4, Jal, Nev	ved copy of this form is to be sent) W Mexico 88252
If well produces oil or liquids, give location of tanks.		TWF. P.ge	· · · · · · · · · · · · · · · · · · ·	actually connect Yes	cted? When	
give location of tanks. If this production is commingled wit	-l		i		A	Druary 17, 200
COMPLETION DATA	Oil Well					Plug Back   Same Res'v. Diff. Res'v
Designate Type of Completio	on – (X)	1 1 · 		1		           
Date Spudded	Date Compl. Ready to	io Prod.	Total D	)epth		P.B.T.D.
Pool	Name of Producing F	Formation	Top Of	L/Gas Pay	1	Tubing Depth
Periorations	<u></u>	<u></u>				Depth Casing Shoe
		TING	- CENE	BECOI		·
HOLE SIZE	TUBING CASING & TU			NTING RECOR DEPTH SI		SACKS CEMENT
						· · · · · · · · · · · · · · · · · · ·
TEST DATA AND REQUEST FO	· · · · · · · · · · · · · · · · · · ·		is depth or be	for full 24 hours	*)	nd must be equal to or exceed top allow
Date First New Oil Run To Tanks	Date of Test		Prouve	ng Method (s	w, pump, gas lift,	esc.)
Length of Test	Tubing Pressure		Casing I	Pressure	•	Choke Size
Actual Prod. During Test	Oll-Bbis.		Water - B	ble.		Geo-MCF
<b>Francisco de constante de</b>	·	<u></u>				· · · · · · · · · · · · · · · · · · ·
GAS WELL Actual Prod. Test-MCF/D	Length of Test		Bbls. Cr	ondena ate/MMCF	F	Gravity of Condensate
	Tubing Pressure		Casing 1	Pressure		Choke Size
Teeling Method (Prov	Tubing Free					
CERTIFICATE OF COMPLIANC	· · · · · · · · · · · · · · · · · · ·			- 011 C	ONSERVAT	TION COMMISSION
	;				·· 2011	•••
hereby certify that the rules and re commission have been complied wi	egulations of the OII ith and that the info	formation give	/en	9YE0		, 19
commission have been complied wi	egulations of the OII ith and that the info	formation give	ef. B*			· · · · · · · · · · · · · · · · · · ·
	egulations of the OII ith and that the info	formation give	ef. BY	E	<u>.</u>	· · · · · · · · · · · · · · · · · · ·
Commission have been complied wi bove is true and complete to the	egulations of the OII ith and that the info	formation give	TITLE	E	be filed in con	mpliance with RULE 1104,
Commission have been complied wi bove is true and complete to the	egulations of the Oil ith and that the info best of my knowled . W. Lagrone	formation give	ren ef. BY TITLE Tr If well, t	E This form is to this is a requities form must	be filed in con uest for allowab be accompanie well in accordat	mpliance with RULE 1104. ble for a newly drilled or deepened od by a tabulation of the deviation ince with RULE 111.
A. W. Jagrone K.	egulations of the Oil ith and that the info best of my knowled . W. Lagrone we, uperintendent	formation give	rinter ef. By TITLE The If well, the tests t	This form is to this form must taken on the w 11 sections of t	be filed in con uest for allowab be accompanie well in accordant this form must l	mpliance with RULE 1104, ble for a newly drilled or deepened ed by a tabulation of the deviation ince with RULE 111. be filled out completely for allow-

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	SANTA FE					SSION		rm C-104 persedes Old C-104 a	
	FILE	1 91	REQUES	T FOR ALL AND	LUWABLE			fective 1-1-65	ane C
	U.S.G.S.		ON TO TR	RANSPORT	DIL AND N	ATURAL	ĢAS		
	LAND OF FICE	S.	•			1 22 14	UD		
	TRANSPORTER OIL GAS				grand for starting spreading in	(market for the second for the secon	and the second sec		
	OPERATOR				10)12(C	ງ ຣູເິ່ງ (່ື\Vໍ) ເ	IS IN		
I	PRORATION OFFICE			. <u>_</u>				<u></u>	
	Shell Oil Company (Wes	town Division)			JAN	17 1983	5		
	Address								
	P. O. Box 1509, Midlar	nd, Texas 79	9701		OIL CONSE	RVATION I ANTA FE	DIVISION		
	Reason(s) for filing (Check proper bo				Other (Please	explain)			
	New Well	Change in Transporte	1		Cnange From:	in Lease State			
	Recompletion Change in Ownership	Oil Casinghead Gas	Dry C	ensate	To:	State			
								·	·
	If change of ownership give name and address of previous owner								
							1		
II C	DESCRIPTION OF WELL AND	LEASE	Nc. Pool N	ame, Including	c Formation		Kind of Lee	nse B-1167	
17	State A	21		glie-Matt		Queen 1		and or Fee State	
i.	Location	······································		,					<u> </u>
	Unit Letter_H_;_1	980 Feet From The NOT	th_L	ine and7	35	Feet From	The <u>Ea</u>	st	
	Line of Section 36	washin 245	_	36E			Lea	6	
	Line of Section 50 , To	wnship 24D	Range		, NMPM,				ounty
111.	DESIGNATION OF TRANSPOR		TURAL G				····		
	Name of Authorized Transporter of Oil			1		•••		is form is to be sent)	)
	Texas-New Mexico Pipe		Gas	11	Box 1510,			79701 is form is to be sent)	<u>,</u>
	El Paso Natural Gas Con				Box 1384,				•
	If well produces oil or liquids,	Unit Sec. Twp.	F.ge.		ally connected				
	give location of tanks,	<b>I 36 24</b>	<u>s : 36e</u>	Үез		ł	Februar	<u>y 1954</u>	
v.	If this production is commingled with COMPLETION DATA	h that from any other leas	se or pool,	give commin	ngling order r	umber:			
•••	Designate Type of Completio	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v. Diff. 1	Res'v
					•	, • L	1	<u>.                                    </u>	
	Date Spudded	Date Compl. Ready to Prod	1.	Total Depth	2		P.B.T.D.		
	Pool	Name of Producing Formati	ion	Top Oll/Ga	is Pay		Tubing Dept	h	
		<u> </u>							
	Perforations						Depth Casin	g Shoe	
		TUBING, CA	SING, AND	CEMENTI	NG RECORD		<b>l</b>		<b>.</b>
	HOLE SIZE	CASING & TUBING			DEPTH SET		SA	CKS CEMENT	
ļ	·				<u>-</u>				
ļ								•	<u> </u>
		· · · · · · · · · · · · · · · · · · ·					┣ I		<u> </u>
v.	TEST DATA AND REQUEST FO					of load oil a	nd must be eq	val to or exceed top a	allow
	OIL WELL Date First New Oil Bun To Tanks	able Date of Test	e for this de	pth or be for f	full 24 hours) Sethod (Flow, p	ump, gas lift	. etc.)	<u> </u>	····-,
	Length of Test	Tubing Pressure		Casing Pres	isure	•	Choke Size		
				Water - Bbis.	<u></u>	•	Gcs-MCF		į
	Actual Prod. During Teat	Oil-Bbla.		Waler - Dors.					1
		· · · · · · · · · · · · · · · · · · ·		L					
,	GAS WELL								
	Actual Prod. Test-MCF/D	Length of Test		Bbls. Conde	nscie/MMCF		Gravity of Co	ndensete	
	Seating Method (pitot, back pr.)	Tubing Pressure	·	Casing Pres	sute	 	Choke Size		
7.	CERTIFICATE OF COMPLIANC	E			· OIL CO	NSERVAT		MISSION	
	_			APPROV	ED	÷:	J - parts		
1	I hereby certify that the rules and re Commission have been complied wi	ith and that the informati	ion given				ብ	; ;	
1	sbove is true and complete to the	best of my knowledge an	nd belief.	BY	<u> </u>		· · ·	<u></u>	
	- /		1	TITLE	2:6:51 I 	· · · · · · ·		<u>·</u>	
	2.1 //							th RULE 1104.	
-	K.W. fagron	e K. W. Lagron	e	well, this	form must be	: accompani	ed by a tabu	vly drilled or deepe lation of the deviat	ined.
	Division Production	-		tests take	n on the wel	l in accorde	ince with Ri	JLE 111.	
-	Till			All so able on no	ections of thi ew and recom	s form must pleted well	be filled out	t completely for all	10 <b>W</b> -
-	September 8, 1		Fill out Sections I, II, III, and VI only for changes of owner, well name or number, or transporter, or other such change of condition.				ner,		
					or number. Of				

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NO. OF COPIES RECEIVED	7	õ	· 뛰어 C-103	
DISTRIBUTION	-		<u>Supersedes Old</u>	
SANTA FE	NEW MEXICO OIL CONSERVA	FICE C C C	-CI 02 and C-103 Effective 1-1-65	
FILE			5	
U.S.G.S.	lux 21 It		5a. Indicate Type of Lease	
		JAN 17 1983 🛓	State X Fe	»e. 🗌
OPERATOR			5. State Oil & Gas Lease No.	
	ئسنا -	CONSERVATION DIVISIO	្ត្រ៍ ដ្ឋ B-1167	
SUND				IIII
(DO NOT USE THIS FORM FOR PR USE "APPLICA	TION FOR PERMIT - " (FORM C-101) FOR SUCH PROPO	A DIFFERENT RÉSÉRVÓIR.	$\chi(\chi(\chi(\chi(\chi(\chi(\chi(\chi(\chi(\chi(\chi(\chi(\chi(\chi(\chi(\chi(\chi(\chi(\chi($	11111
1. OIL GAS WELL	OTHER-		7. Unit Agreement Name -	
2. Name of Operator			8. Farm of Lease Name	
Shell Oil Company	(Western Division)		State	
3. Address of Operator		<u> </u>	9. Well No.	
P. O. Box 1509, M	idland, Texas 79701		2Y	
4. Location of Well	· · · · · · · · · · · · · · · · · · ·		10. Field and Pool, or Wildcat	
H.	1980 FEET FROM THE NOT th_ LINE		Jalmat (Gas)	
<i>y</i>	PEET FROM THE HOL CH_ LINE	AND FLET FROM		$\overline{m}$
	10N 36 TOWNSHIP 245 #	36E		11111.
		ANUL NMFM.		11111.
	15. Elevation (Show whether DF, RT,	GR, etc.)	12. County	$\overline{IIII}$
	3265' DF		Lea	
<sup>16.</sup> Check	Appropriate Box To Indicate Nature	of Notice. Report or Oth	er Data	
	NTENTION TO:	SUBSEQUENT		
		<b>ا</b> ح		<b></b>
PERFORM REMEDIAL WORK			ALTERING CASING	님
TEMPORARILY ABANDON		NCE DRILLING OPNS.	PLUG AND ABANDONME	NT [_]
PULL OR ALTER CASING		TEST AND CEMENT JOB		
07.17.5		ER		
OTHER				
17. Describe Proposed or Completed O	perations (Clearly state all pertinent details, and	give pertinent dates, including e	estimated date of starting any pro	oposed

May 4, 1966 thru May 20, 1966 Treated via tubing - casing annulus w/2500 gallons 15% Unisol and flushed w/48 bbls 9#/gallon Brine w/2 gallons LST-5, all containing 1500 cu. ft./bbl. Co<sub>2</sub>. Turned to El Paso line and stabilized production. Flowed at rate of 1255 MCFPD, FTP 100 psi.

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

SIGNED Meetamian	N. W. Harrison	TITLE Senior Exploitation	Engineer DATE	June 20, 1966
	T SHALL IN	LET ALLE COLLES	DATE	· • •
	2/15-1-			

ROVAL, IF ANY:

C <b>2</b>	
NO. OF COPIES RECEIVED	Form C-103
	Supersedes Old C-102 and C-103
SANTA FE NEW MEXICO OIL CONSERVATED SCOMMISTOR, C, C,	C-102 and C-103 Effective 1-1-65
	Sa. Indicate Type of Lease
	State X Fee
	B-1167
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	
OIL GAS WELL X OTHER.	7. Unit Agreement Name
Shell Oil Company (Western Division)	8. Farm or Lease Name
	State
Address of Operator	9. Well No.
P. O. Box 1509, Midland, Texas 79701 OIL CONSERVATION DIMENSION	27
	10. Field and Pool, or Wildcat
UNIT LETTERH1980 FEET FROM THEDOTTHLINE AND735 FEET FROM	Internet (Gas)
THE <u>east</u> LINE, SECTION <u>36</u> TOWNSHIP <u>24S</u> RANGE <u>36E</u> HMPM.	
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
3265' DF	
<sup>6.</sup> Check Appropriate Box To Indicate Nature of Notice, Report or Oth	
NOTICE OF INTENTION TO:	
PERFORM REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	PLUG AND ABANDONMENT
PULL OR ALTER CASING TEST AND CEMENT JOB	
	LJ
OTHER	
7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including work) SEE RULE 1103.	estimated date of starting any proposed

We propose to treat via tubing-casing annulus w/2500 gallons 15% Unisol and flush w/2000 gallons salt water w/2 gallons LST-5 in flush to increase capacity.

N. W. Harrison	TITLE Senior Exploitation Engineer	DATE May 3, 1966
	TITLE - Street -	DATE

# NEW MEXICO OIL CONSERVATION COMMISSION

### P. O. BOX 2045

HOBBS, NEW MEXICO

٦	ΓO	•

. «

Shell Oil Company

This is:

DATE

RE: GAS WELLS

A New Gas Well 🗉 👘

An Oil-Gas Dual A Gas-Gas Dual

June 13, 1961

An Oil Well Converted to Gas

) X)

Box 1858

Roswell, New Mexico

Gentlemen:

Form C-104 has been received on your	State #2-A H 36-24-36
· · · · · · · · · · · · · · · · · · ·	Lease Well No. Unit S-T-R
= 0 1	x
But no allowable can be assigned this	And a <u>80</u> acre allowable will
well until the following forms have	be assigned in the <u>Jalmat</u> Pocl
been received:	under Order No: <u>DC-1044</u> .
Form C-104	Filed 2-22-61
Form C-110	Filed <u>2-22-61</u>
Form C-126	Filed 2-22-61
NSP Order	Approved <u>3-1-61</u>
Notice of Connection	Date of Connection <u>5-12-61</u>
Deliverability Test	Filed
	DC Order 3-1-61

OIL CONSERVATION COMMISSION XIX 1 Engineer District'l

Original-OCC, Santa Fe cc-File, Operator & Transporter---- EP

Original-Operator cc-File

OIL CONSERVATION COMMISSION P. O. BOX 871 SANTA FE, NEW MEXICO

March 1, 1961

Shell Oil Company P. O. Box 845 Roswell, New Mexico

Attention: Mr. R. L. Rankin

#### Administrative Order NSP-525

Gentlemen:

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

> TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM Section 36: SE/4 NE/4 and NE/4 SE/4

It is understood that this unit is to be dedicated to your Shell State 2 A Well, located in Unit H of said section 36.

By authority granted me under provisions of Order No. R-1670, you are hereby authorized to operate the above described acreage as a non-standard gas proration unit, with allowable to be assigned thereto in accordance with the pool rules, based upon the unit size of 80 acres.

Very truly yours,

A. L. PORTER, Jr., Secretary-Director

ALP/OEP/og

cc: Oil Conservation Commission - Hobbs Oil & Gas Engineering Committee - Hobbs El Paso Natural Gas Company - El Paso

# OIL CONSERVATION COMMISSION P. O. BOX 871 SANTA FE, NEW MEXICO

March 1, 1961

Shell Oil Company P. O. Box 845 Roswell, New Mexico

Gentlemen:

Enclosed herewith please find Administrative Order N<sup>O</sup>. DC-1044 for your State Well No. 2A located in the SE/4 NE/4 of Section 36, Township 24 South, Range 36 East, NMPM, Lea County, New Mexico, to permit the production of gas from the Jalmat Gas Pool and the production of oil from the Langlie-Mattix Pool.

Very truly yours,

A. L. PORTER, Jr., Secretary-Director

ALP/JEK/og

cc: Oil Conservation Commission - Hobbs Oil & Gas Engineering Committee - Hobbs

FILE THE ORIGINAL AND & COPIES WITH THE APPROPRIATE OFFICE         approprion         Shell Oil Company         it letter         Bordin         215         It letter         Bordin         216         It letter         Bordin         216         Bage         36E         Isanglie-Mattix (oil) - Jalmat (Gas)         New Vell produces all is condenance         Unit Letter         Bordin         Texas-New Mexico Pipe Line Company         P. O. Box 37th, Eunice, New Mexico         Is Gres Actually Connected?         Yes         New Vell         Is Gres Actually Connected?         Yes       Ne         Address (store address to which approved copy of this form is to be sent)         P. O. Box 37th, Eunice, New Mexico         Is gres Actually Connected?         Yes       Ne Kattice         Is gress on data set bis sent)         P. O. Box 37th, Eunice, New Mexico         Is gress on data set bis sent)         P. O. Box 37th, Full Weil Mexico         Set bis det set bis det sent)         P. O. Box 37th, Full Weil Mexico         Set bis det condenance check proper ton) </th <th></th> <th></th> <th></th> <th></th>				
NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO       FORM C110 (Rev. 7-60)         Status FE, NEW MEXICO       FORM C110 (Rev. 7-60)         Status FE, NEW MEXICO       CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS				
NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO       FORM C110 (Rev. 7-60)         Status FE, NEW MEXICO       FORM C110 (Rev. 7-60)         Status FE, NEW MEXICO       CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS				
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TO TRANSPORT OIL AND NATURAL GAS				-
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al Lener H Secien Township 218 Range 36E Commy Lene al Langlio-Mattix (oil) - Jalmat (Gas) Xind of Lener (Starr, F.ed Few) Static Tremship 36 Static Field Few Static Tremship 218 Range 36E Tremship 218 Page 36E H well produces all of condensate Unit Letter B 36 Deciden Tremship 36E Address (sive address to which approved copy of this form is to be sent) Texas-New Mexico Fipe Line Company P. O. Box 37h, Eunice, New Mexico Is Gus Actually Connected? Yey Ne X. Address (sive address to which approved copy of this form is to be sent) El Paso Matrial Gas Company P. O. Box 37h, Eunice, New Mexico Is Gus Actually Connected? Yey Ne X. New Veil	NSTAR		HE APPROPRIATE OFFICE	
H       36       26       36E       Len         Inglie-Mattix (oil) - Jalmat (Gas)       Nind of Lesser (bits, feet Far)       State         If well produces of or cadenaste       Dail Letter       Township       State         If well produces of or cadenaste       Dail Letter       State       State         If well produces of or cadenaste       Dail Letter       Township       State         Bediad unaporte of oil E or condenaste       Address (sive middress to which approved copy of his form is to be sent)         Texas-New Mexico Pipe Line Company       P. O. Box 37h, Eunice, New Mexico         Is Gas Actually Connected?       YesNo			State	13 Jell No.
Innglie-Mattiz (oil) - Jelmat (Ges)       Ked of Less: (Ster. Fel.Fel.)         If will peduces all of condensate stre bornte of ands       Unit Letter H       Scan       State         If will peduce all of condensate stre bornte of ands       Unit Letter H       Scan       It will peduce all of the form is to be sent)         Texas-New Mexico Pipe Line Company       P. O. Box 37h, Eunice, New Mexico       It is form is to be sent)         Texas-New Mexico Fipe Line Company       P. O. Box 37h, Eunice, New Mexico         Is Ges Actually Connected? Yes       No       Image: Company         P. O. Box 37h, Eunice, New Mexico       Sected       Address (sive address to which approved copy of this form is to be sent)         El Paso Natural Gas Company       P. O. Box 330h, Gar Martino       Image: Consected? Yes       No         P. O. Box 330h, Gar Texas and also coplain its present disposition:       Image: Consected? Texas       Image: Consected? Texas         Martine Consected? proper tool       Image: Consected? proper tool       Image: Consected? Texas       Image: Consected? Texas         Martine Consected?       February       Consected? proper tool       Image: Consected?       Image: Consected?         Martine Consected?       February       Consected?       Image: Consected?       Image: Consected?         New Tell       Image: Consected?       February       Image: Consected?<	t Letter Section Township Ran H 36 218 Ran			]
If well produces all of condensate       Unit Letter       Section of low particle of low par			Kind of Lease (State, Fed, Fee)	
sive location of make     H     36     215     368       holized maggeone of dil [2] or condensate     Address (give address to which approved copy of this form is to be sent)     P. 0. Box 37h; Eunice, New Mexico       Texx85-New Mexico Pipe Line Company     P. 0. Box 37h; Eunice, New Mexico     Is to be sent)       P. 0. Box 37h; Eunice, New Mexico     Is to be sent)     P. 0. Box 37h; Eunice, New Mexico       Is a sort being sold, give tessons and also explain its present disposition:     Address (give address to which approved copy of this form is to be sent)       Bet Pass Natural Gas Company     P. 0. Box 37h; Eunice, New Mexico       is not being sold, give tessons and also explain its present disposition:     JAN 17 1883       OIL CONSERVATION DIVISION     SANTA FE       REASON(5) FOR FILHIG (please check proper bos)     SANTA FE       New Well     Change in Transporter (check ang)     Ohr (crylish below)       Oil     Dr Ges     Ohe (crylish below)       Oil     Dr Ges     Change in Orecraftip       Camage in Transporter (check ang)     Ohe (crylish below)       Oil     One constante     Ohe (crylish below)       Oil     Dr Ges     Ohe (crylish below)       Oil     Santa fer     Condensate       New Well     Execused dis the 20th day of Tebrusty        On. Constant the Rules and Regulations of the Oil Conserection Complision bar				ange .
Texas-New Mexico Pipe Line Company       P. 0. Box 374, Eunice, New Mexico         Is Gas Actually Connected? YesNX         hoized unasponer of casing beed gas or dry gas becced         Pass Naturel Gas Company         El Pass Naturel Gas Company         P. 0. Box 374, Eunice, New Mexico         Is is not being old give reasons and also copials its present disposition:         Image: Status of the second disposition: <t< td=""><td>give location of tanks</td><td></td><td></td><td></td></t<>	give location of tanks			
Is Gas Actually Connected? Yes				-
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EI Paso Naturel Gas Company       P. O. Box 3301. (El picture descente)         Image: In and picture in the present disposition:       Image: I				
And a set being cold, give reasons and also explain its present disposition: JAN 17 1583 OIL CONSERVATION DIVISION SANTA FE REASON(S) FOR FILING (please check proper box) New Well	nected			• jom •• •• •• •• ••
AN 17 1883 DIL CONSERVATION DIVISION SANTA FE REASON(5) FOR FILING (please check proper box) New Well		<u>:  </u>	C 1384, Jal, New Mexic	0
Conservation Division SANTA FE REASON(5) FOR FLING (please check proper box) New Vell	as is not being sold, give reasons and also explain its present disposit	tica:	IAN 17 1983	
SANTA FE REASON(S) FOR FILING (please check proper box) New Vell				ש
New Vell       Change in Ownership         Change in Iransporter (check cone)       Other (explain below)         Oil       Dy Gas         Casing head gas       Condensare         Casing head gas       Condensare         arks       Dual Completion         arks       Dual Completion         undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.         Executed dis the       20th day of         Poll       Oil Conservation Consission         Oil Conservation Consission       By         R. A. Lowery       Act A. Lowery         Title       District Exploitation Engineer         Company       Company			OJL CONSERVATION DIVIS	
Gauge in Transporter (check one)       Other (explain below)         Oil	REASON(S) FOR FIL	ING (please check p	roper box)	
Gi Gasing head gas . Casing head gas . Condensate aska Dual Completion - Langlie-Mattix (Oil) Jalmat (Gas 2-114-61 undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with. Executed this the 20th day of February		-		
nodersigned certifies that the Rules and Regulations of the Oil Conservations Commissions have been complied with. Executed this the 20th day of <u>February</u> . 19_61 OIL CONSERVATION COMMISSION R. A. Lowery <u>Arth. Lowery</u> Tide District Exploitation Engineer Company Address	Oil Dry Gas	Other (explain a	e <i>tow)</i>	•
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Jalmat (Gas 2-14-61 undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with. Executed this the <u>20th day of February</u> , 19_61 OIL CONSERVATION COMMISSION R. A. LOWERY <u>M.A. Lowery</u> Tide District Exploitation Engineer Company Erreiner: Lieven i Mddress	rik e			••
Jalmat (Gas 2-14-61 undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with. <u>Executed this the 20th day of February . 19_61</u> OIL CONSERVATION COMMISSION By R. A. Lowery <u>M.A. Loudry</u> Tide District Exploitation Engineer Company Encircient Literation in Shell Oil Company	Dual Completion -	Langlie-Matti	x (Oil)	-
undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with. Executed this the 20th day of <u>February</u> , 19_61 OIL CONSERVATION COMMISSION District Exploitation Engineer Company Encil: Get: Litters I Address	•			
Executed this the 20th day of February . 19_61 OIL CONSERVATION COMMISSION Weekby R. A. Lowery Acl. Lowly Tide District Exploitation Engineer Company Shell Oil Company Address	· .	_,, Vds		<b>e</b>
OIL CONSERVATION COMMISSION District Exploitation Engineer Engineer Company Engineer Company Address	undersigned certifies that the Rules and Regulations of the Oil	Conservation Comm	ission have been complied with.	
OIL CONSERVATION CORAISSION R. A. Lowery Mr. C. Lowery Tide District Exploitation Engineer Company Engineer Address	Executed this the 20th day of I		19_61_	·
District Exploitation Engineer       Company       Enciritient       Address	OIL CONSERVATION COMMISSION		PM -	•
Encirine Lister Lister Company :	oreging // ////////		owery Allell' Low	ulug
Erginger Listration Shell Oil Company	LAMIN-		t Exploitation Enginee	r .
	troinger Listan I	Shell Q	il Company	:
	JUN 15 ST		, Roswell, New Mexico	. •

NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

# REQUEST FOR (DIL) - (GAS) ALLOWABLE

Revised 7/1/57

(Form C-104)

Reception

Dual

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-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when now oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

			•	Roswell, New Mexico February 20, 1961
		-		(Place) (Date)
WE AR	E HEREBY	REQUEST	ING AN ALLOWABLE FO	DR A WELL KNOWN AS:
51		ompany	State	
	(LOMDARY OF [	Inerstop)		Jalmat Pool
TO MARK				
	Lea		operati	on started operation <u>Date Drifting:Completed</u> 2-11-61 Total Depth 3525 <sup>1</sup> PBTD
P	lease indicate	location	Elevation 3265	
:	R-36-E		Top get /Gas Pay 28	251 Name of Prod. Form. Yates
D	CB			
	••		28661 - 2	2825' - 2837', 2848' - 2854'; 867', 2874' - 2880', 2906' - 2912'
E	F G	H	Perforations 2009' - 2	Death Death Death
	-   4		Open Hole	Depth Casing Shoe 33751 Depth Tubing 32641
			OIL WELL TEST -	•
L	K J	II	· · · · · · · · · · · · · · · · · · ·	Choke
		.		bbls.oil,bbls water inhrs,min. Size
M	NO	P	•	e Treatment (after recovery of volume of oil equal to volume of
			load oil used):	bls.oil,bbls water inhrs,min. Size
			GAS WELL TEST -	
80' F	NL & 735'	FEL, Sec	• 36 Natural Prod. Tests	MCF/Day; Hours flowedChoke Size
ubing C	asing and Com	anting Recor	d water a construction of the second	
Sire	Feet	Sax	menod of restring (proof)	
			Test After Acid or Fractur	e Treatment: 2.200 MCF/Day; Hours flowed 24 of Testing: Absolute Open Flow
8 5/8	<b>35</b> 4	350	Choke SizeMethod	of Testing:
				(Give amounts of materials used, such as acid, water, oil, and
<u>5 1/2'</u>	<b>*</b> 3365	850		,000 G. lease crude, 45,090# sand, 900# Mark I
			Casino Tubino	Date first new Adomit
<u>2 1/2'</u>	<b>2867</b>		Press. Press.	oil run to tanks February 1/1, 1961
			Oil Transporter Texas-	New Mexico Pipe Line Company
			Gas Transporter El Pa	aso Natural Gas Company
marks:				
			•	1
I her	eby certify th	at the infor	mation given above is true	and complete to the best of my knowledge.
				Shell Oil Company
proved.			Un 1 3 1961	(Company or Operator)
_				B. A. Lowery R.O. Lowly
	IL CONSER	VATION C	COMMISSION	By:(Signature)
	<u> </u>	ſ Įŗ	11/2	District Exploitation Engineer
		7		Title
<u></u>	. / .			
		••••••••••••••••••••••••••••••••••••••		0
le			• • • •	NameShell Oil Company
le		•	· · · · ·	NameShell Oil Company AddressBox 845, Roswell, New Mexico

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ورون نے ا <sup>ر</sup> کھر		•							. <b>ف</b> ر	
	<u> </u>						· · · · · · · · · · · · · · · · · · ·		FORM C-12	
•	- <b>&gt;</b>					ERVATION (		•	FORM C-12 Revised 5/1/5	
<u> </u>						EAGE DED				<u> </u>
<u> </u>		SEE IN-	STRUCTION.		SECTI	IG THIS FORM C	DN THE RE			
perator	Shel	וי 011	Company		Lease		ta <b>te</b>		Well No. 24 37	$\neg$
bit Letter	Section		Township	·	Ra		County			
H ctual Footage Lo		36 { Well:	1	245	<u> </u>	36E		Lea		
1980	feet from	om the <b>n</b>	north	line and		<b>735</b> fee	eet from the		line	J
round Level Elev 32551	v. Pror	oducing Fo		· · · · · · · · · · · · · · · · · · ·	Pool	Jalı	-at	D	Dedicated Acreage: 80 Acre	:
	<u>l</u>			J	1					
									. ("Owner" means the pers elf or for bimself and	son
anotber. (65–3	-3-29 (e) N	NMSA 193	35 Comp.)							
	to question	n one is "	"no," have th	he interests (	of all the	2 owners been c	consolidate	d by communitiz	zation agreement or other-	-
wise? YES If the answer to							terests belc	0 <b>w:</b>		-1
		<del></del> .				Land Descrip				-1
• · · · · · · · · · · · · · · · · · · ·	·. ·	·			) :	<b> </b>				
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			SECTIO	ON B			·····		ERTIFICATION	
· .	-1			1				1		
•			· ]	1		!	· · · /	in SECTION	rtify that the information A above is true and com	<b>m-</b>
				1			- ]	plete to the l	best of my knowledge and	-
	Ì			۱			ļ	belief, Aj · A.	Preven -	-
	ļ			1		0361	ļ	Name R A Low	+ any	1
<b>*</b>			+					R. A. LOW Position		
			1	1		i	ļ	District	Exploitation Eng	<u>,ine</u>
•	İ			I			. ]]	Company Shell Oil		
	I I		·	I		···-	-735	Date		1
				. ·		il		February	20, 1961	
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	1			1				cont	11 1	
	Ĭ			•		Ĭ	IJ	shown on the	ify that the well location plat in SECTION B was	
								plotted from fi	field notes of actual	
								supervision, s	by me or under my and that the same is true	
	İ.			<b></b>		il	]	and correct to	o the best of my knowledg	
							]	and belief.		
	ļ							Date Surveyed		_
							ļ			1
	į		1			I			sofessional Engineer	٦
						1		and/or Land St	urveyor	
										_
330 660 990	10 1320	1650 1981	30 2310 264	40 2000	0 1500	0 1000 50	500 0	Certificate No.	•	]

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				2011 2011 2011 2011 2010 2010 2011					• •
	COPIES ACCEIVED	ŧ	<u></u>		<u> </u>			·	
TRANSFORY	OIL		EW MEXICO				COMMISSIO	~	FORM <b>C-103</b> (Rev 3-55)
	0 / / / / / / / / / / / / / / / / / / /	(Submit	t to appropriate	e Distri	t Offic	e as per Co	mmission Rul	،10 م	5)
Name of Co	Shel	1 Oil Company	•	Addre	Boz		oswell, New		
Lease	State		Vell No. Un. 2 <b>A</b>	it Letter H	Sectio 36	n Townshij	ୢଽ୲ଽ	Ran	<sup>56</sup> 36E
Date Work 1 1-29-6	Performed L thru 2-14-61		Mattix - J	· ·		County	Lea		•
🔲 Begini	ning Drilling Operatio		A REPORT OF: ing Test and Ce			ate block)	(Explain):		·
Pluggi			edial Work		<u> </u>		Completion	1	
DUAL CO	and the second statement of the second statement of the second statement of the second statement of the second	NGLIE-MATTIX (			ults obt	ained.			
2. Ran	led rods, pump GR/N, CCL Sur	rvey 3281 - 2	5001.						11V
	of fish @ 328 Baker Model H		ireline & s	set Ø	30001	•			PE 2992
5. Dur	aped 7 1/2' fra ded casing and	ac sand on top	of packer	• Ran	2 <sup>n</sup> or	oen endea	d tubing to	294	L.∎
7. Spo	tted 250 gallo	ons 15% MCA on	bottom, pu	illed	2" tub	ing.	-		
290	forated 5 1/2" 6' - 2912' w/1	L-1/2" JSPF.							
in	ated w/27,000 3 stages using	ball sealers	•	-					
	95 jts. (2867 ing tail pipe								+ 262' 2 1/2" nipple w/plug
in	place @ 2920',	Otis Blas Ni	pples 2904'	- 293	Ц', 2	8621 - 2	28821, 2846	1 _ :	2856', 2820' ced approximate
Witnessed by	Ţ		Position			Company (C	continued o	n ba	ck of page)
	H. B. Brooks	FILL IN BELC	Production W FOR REME	- <u>-</u>			Oil Company	пу 	
D F Elev.	ΙΤΡ		ORIGINAL	·		Producing	·····		npletion Date
		Tration Densi		0:1 5	- D:		) Oil String		•
Tubing Diam		Tubing Depth			g Diame		OIT String	, Берц	
Perforated In				Prèduci	g Forma		• .		
Open Hole In			RESULTS O	•					
Test	Date of	Oil Production	Gas Produc	tion	Water P	roduction PD	GOR Cabia (ast/B)		Gas Vell Potential MCFPD
Before Workover	Test	BPD			D	- V	Cubic feet/Bl		дс <i>г г и</i>
After Workover		1	•			3			
,	DIL CONSERVA	TION COMMISSION	•			y that the in my knowledg		above	is true and complete
Approved by			·•	Name		Tour	RA	P	
Title	HA.	· / //··-		Positio	2	Lowery	<u></u>		- y
Date		(2.)	<u> </u>	Company		Oil Com	oitation Er	<sup>r</sup> E me	C1
				1			rv		

60' apart thru perforated zone. Pushed out Baker expendable plug from Model FA packer & latched seal assembly in packer. Set tubing w/10,000# tension. Hydrotested tubing to 5000 psi.

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: . **.** 

On Absolute open flow potential flowed 2.200 million CFGPD based on the following: п.

Time (hrs.)	MCFPD	CHOKE	CASING PRESSURE
2	404.4	13/64"	435 psi
1 1/2	582.5	16/64"	426 psi
1 1/2	930.0	20/64"	405 psi
2	1169.0	24/64"	380 psi
21	1284.0	28/64"	309 psi

No fluid during test. Official Completion Date February 14, 1961.

1.1 51 ;;;; ;;' jen + 5,51 v . ..... energy of a specific terms 1 2. . .

(1) (34<sup>3</sup>) 3 (34) = 3<sup>3</sup> (44<sup>3</sup>) 

5.: 4 Ξ.

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	14,	NEW MEXICO	•						FORM C-103 (Rev 3-55)
	CI-IV	KISCELL Submit to appropria							000
Name of Con	npany -			Addr	tas	1003	1:31	2	<u>6 - 67 .</u>
Lease	State	Oil Company	11 No. Uni 2A	t Lette H	the second second second second second second second second second second second second second second second s	n Township	•	ell, New I 24S	ange 36E
Date Work P 8-1-59	erformed thru 10-29-59		ie-Mattix REPORT OF:	(Chec)	abbrobri	County		Lea	
THIS IS A REPORT OF: (Cbeck appropriate block)         Beginning Drilling Operations         Casing Test and Cement Job         Other (Explain):									
Detailed acc		X Reme		, and re	sults obt	ained.			
abox 5. Ran 6. In 2 7. Pull 8. Trea per 9. Ran 10. Reco	re packer. pump & rods to le hours pumped ed rods & pump ted via casing gallon. 2" x 1 1/2" x vered load. le hours pumped H. B. Broc TD 3265 <sup>1</sup>	1 8 BO + 17 BW y w/10,000 gall 24' Fluid Pack 1 15 BO + 135 E ks FILL IN BELOW 3525' Tubing Depth	W/9-54" S ons lease ed 3-Tube W W/9-54" Production For REME ORIGINAL PBTD	PM. crud Bott SPM. n For DIAL	e cont om Hol eman Vork R DATA	aining li e Pump & Company E PORTS Of Producing 3375	# sa rod Shel NLY	Ind & O.1# s to prev ls to prev l Oil Com 3525'	Adomite rious setting. pany
ubing Diame	2 <b>"</b>	Tubing Depth 35	י81	Oil Stri	5 Diame	1/2"		337	
Petforated In	terval(s)	-							₽.
Den Hole Interval 3375' - 3525' RESULTS OF					ing Forms	stion(s)	even	Rivers	
Test	Date of Test	Oil Ptoduction BPD	Gas Produc	tion	Water P	Production PD	ċ	GOR bic feet/Bbl	Gas Well Potential MCFPD
Before Vorkover	2-15-59	8	69.9	)		54		8738	-
After Vorkover	10-29-59	15	88.9	_		.35		<u>5927</u>	-
/	OIL CONSERVAL	TION COMMISSION	1	to the		y that the in my knowledg		tion given abo	we is true and complete
pproved by	nHI	Kull	<u>.</u>	Name	R.	A. Lowe	<b>FY</b> ,	RQ.L	oury.
Ille'	Enginaer		_	Positi	Di	<u>strict E</u>	، ساريد	itation F	0
hte	.// NOV	2 1959		Comps		ell Oil	-		
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(Form C-102) (Revised 7/1/82)

August 4, 1959

(Data)

# NEW MEXICO OIL CONSERVATION COMMISSION

MAIN OFFICSanta Fe, New Mexico

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

Notice of Intention to Change Plans	NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		Notice of Intention to Drill Deeper	
NOTICE OF INTENTION TO PLUG WELL	NOTICE OF INTENTION TO PLUG BACK		Notice of Intention to Set Liner	
Notice of Intention to Squeeze	NOTICE OF INTENTION TO ACIDIZE	x	Notice of Intention to Shoot (Nitro)	
Notice of Intention to Gun Perforate	NOTICE OF INTENTION (Other)	1	Notice of Intention (Other)	

OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

Roswell, New Mexico (Place)

Gentlemen:

Shell Oil Company State Well No. 2-A H (Company or Operator)	Following	g is a Notice of l	Intention to	do certain wo	rk as describ	ed below at t	the				
(Company of Operator)	· · ·	Shell	Oil Com	p <b>any</b>	St	tate		Well No	2-A	. H	
		•	• • • • • • • • • •			Lense			***********		mit)
SE <u>4 NE 4 of Sec. 36 T24-S R-36-E NMPM</u> Langlie-Mattix Poo	¥	NE % 0	f Sec	6 т. т	-24-5	<b>₽ -36-</b> E	NMPM.	•	Langlie-Ma	attix	

Lea .....County.

> FULL DETAILS OF PROPOSED PLAN OF WORK (FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

We propose to treat w/1500 gallons 15% acid to increase capacity.

Approved		Shell Oil Company
Except as follows:		Company or Operator
	By	R. A. Lovery P.C. I Truing
Approved	Position	
OIL CONSERVATION COMMISSION	Name	Shell Oil Company
Tile Frank and the second	Address	Box 845, Roswell, New Mexico
1/		

	(Form C-110)
	INSERVATION COMMISSION CEIVED , New Mexico JAN 28 1954
necessary that Form C-104 be approved before this form can b well. Submit this for	be approved an an initial allowable fremssigned to any completed Uil or Gas m in QUADRUPLICATE. UIL UNVERTAILUR (UNVERTAILUR) (UNVERTAILUR)
	IANCE AND AUTHORIZATION
pany or Operator Shell Oil Company	Lease State
css Box 1957, Hobbs, New Mexico	Box 1509, Midland, Texas
(Local or Field Office)	(Principal Fisce of Business) T. 24, R. 36, Pool Langlie-Mattix
ty Kind of Lease	
	Address of Transporter
	Box 1492, El Paso, Texas (Principal Place of Business)
	Other Transporters authorized to transport Oil or Natural Gas
SON FOR FILING: (Please check proper box)	%
WELL	CHANGE IN OWNERSHIP
NGE IN TRANSPORTER	
	OTHER (Explain under Remarks)
ARKS:	
ARKS: This report covers casinghead	gas production on the above lease in-
ARKS: This report covers casinghead	gas production on the above lease in- ler R-98-A, Paragraph, 9, Rule 1109, Oll Construction
ARKS: This report covers casinghead accordance with Commission Ord Section (A).	gas production on the above lease in- her R-98-A, Paragraph, 9, Rule 1109, ON CONSTRUCTION
ARKS: This report covers casinghead accordance with Commission Ord Section (A).	gas production on the above lease in- der R-98-A, Paragraph, 9, Rulle (1109, Oll CONST FEB 8 1954 FEB 8 1954
ARKS: This report covers casinghead accordance with Commission Ord Section (A). The undersigned certifies that the Rules and Regulation	gas production on the above lease in- ler R-98-A, Paragranh, 9, Rule (1109, Oll CONSTRAINTS) FEB 8 1954 FEB 8 1954 JAN 2 7 1954
ARKS: This report covers casinghead accordance with Commission Ord Section (A). The undersigned certifies that the Rules and Regulation accordance with Commission Ord Section (A).	gas production on the above lease in- der R-98-A, Paragraph, 9, Rulle (1109, Oll CONST FEB 8 1954 FEB 8 1954
ARKS:         This report covers casinghead         accordance with Commission Ord         Section (A).         The undersigned certifies that the Rules and Regulation         Executed this the         TEB 5 1954         oved	gas production on the above lease in- her R-98-A, Paragranh, 9, Rille (1109, oll CONTACT FEB 8 1954 FEB 8 1954 JAN 2 7 1954 19
ARKS: This report covers casinghead accordance with Commission Ord Section (A). The undersigned certifies that the Rules and Regulation Executed this the day of	gas production on the above lease in- her R-98-A, Paragraph, 9, Rulle (109, 011 CONTACT FEB 8 1954 ms of the Oil Conservation Commission have been complied with. 
ARKS:         This report covers casinghead         accordance with Commission Ord         Section (A).         The undersigned certifies that the Rules and Regulation         Executed this the day of         FEB 5 1954         OUL CONSERVATION COMMISSION	gas production on the above lease in her R-98-A, Paragranh, 9, Rille (2109, Oll CONTACT OF B 1954 FEB 8 1954 bus of the Oil Conservation: Commission have been complied with. JAN 27 1954 SHELL OIL COMPANY. By McMagh
ARKS:         This report covers casinghead         accordance with Commission Ord         Section (A).         The undersigned certifies that the Rules and Regulation         Executed this the day of         FEB 5 1954         oved	gas production on the above lease in her R-98-A, Paragranh, 9, Rille (2109, Oll CONTACT OF B 1954 FEB 8 1954 bus of the Oil Conservation: Commission have been complied with. JAN 27 1954 SHELL OIL COMPANY. By McMagh

ORIGINAL OIL CONSERVATION COMMISSION STATE OF NEW MEXICO CERTIFICATE OF COMPLIANCE and AUTHORIZATION TO TRANSPORT OIL
Company or Operator Shell 011 Company LeaseState
Address <u>Box 1457 Eobbs, New Mexico</u> <u>Box 1509 Midland, Texas</u> (Local or Field Office) (Principal Place of Business) Unit <u>H</u> Wells No. <u>2A</u> Sec.36 <u>T 245</u> <u>R 36E</u> Field Langlie- <sup>M</sup> attix County Lea
Kind of Lease <u>State</u> <u>Location of Tanks center of lease</u>
Transporter       Texas & New Mexico Pipe Line Caddress of Transporter . Funice, New Mexico (Local or Field Office)         Midland, Texas       Percent of oil to be transported 100. Other transporters author-(Principal Place of Business)         ized to transport oil from this unit are       DONE         REMARKS:       Operating ownership change effective close of business September 30, 1949         Previous owner:       Shell Oil Company, Incorporated         The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentages of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission for New Mexico.         Executed this the       30th
ByBy
TitleDistrict_Superintendent
State ofNew Mexico
County ofBea
Subscribed and sworn to before me, this the30thday ofSeptember, 194_9_
Notary Public in and for Lea County, <u>New Mexico My Commission Expires Sept. 16, 1950</u> Approved: <u>J. J. u>
OIL CONSERVATION COMMISSION By LANGE ANDERCIVA (See Instructions on Reverse Side) BIL & GAB INDERCIVA
CHL & GAB INSPECTUA (See Instructions on Reverse Side)

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Form **OIL CONSERVATION COMMISSION** STATE OF NEW MEXICO CERTIFICATE of COMPLIANCE and AUTHORIZATION to TRANSPORT OIL Company or Operator \_Shell Oil Company, IncorporatedLease \_ State Address Box 1457 Hobbs, New Mexico Box 1509 Midland, Texas (Local or Field Office) (Principal Place of Business) Wells No.24 Sec. 36 T 24S R 36E Field Langlie-Mattix County Les Unit\_\_\_H Kind of Lease State Location of Tanks Center of lease Iransporter <u>Texas-New Mexico Pipe Line</u> Address of Transporter <u>Midland, Texas</u> (Local or Field Office) <u>Midland, Texas</u> (Principal Place of Business) 1 ized to transport oil from this unit are <u>none</u> <u>none</u> <u>Midland</u> <u>Midland</u> <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>Midland</u>, <u>M</u> NEW COMPLETION: Allowable to date from 2-6-49. February allowable = 23 X 45 = 1035 barrels oil. CORRECTED COPY: Previous C-110, dtd.; 2-17-49, listed Shell Pipe Line Corp., as transporter, which was in error. The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentage of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conser-Executed this the 23rd day of February Line Low Mexico, 1949 Shell 011 Company. Incorporated (Company or Operator) By Company or Operator) By Frank R. Lovering Title \_\_\_\_ District Superintendent - min i gesternisten i Hille 414 ter zu elititte - min District Superind tereng weis gesti anne and ter iter industrial metaleter i and and and tereng source a see si gesti ante i tereng source a see si gesti ante i tereng source a see si gesti ante i tereng source a see si gesti ante i tereng source a see si gesti ante i tereng source a see si gesti ante i tereng source a see si gesti ante i tereng source a see si gesti ante i tereng source a see si gesti ante i tereng source a see si gesti ante i tereng source a see si gesti ante i tereng source a see si gesti ante i tereng source a see si gesti ante i tereng source a see si gesti ante i tereng source a see source a see source a see source a see source a see source a tereng source a see source <u>New Merico</u> State of \_\_\_ Lea County of \_ Before me, the undersigned authority, on this day personally appeared \_ Frank R. Lovering known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct. February \_\_ 194\_2 Subscribed and sworn to before me, this the day of? ission Expires Sept. 10 • New Merico \_County, <u>Lea</u> Notary Public in and for-Z4 - 1947 Approved: \_\_ OIL CONSERVATION COMMISSION By / (Bli. E. Mark rall (See Instructions on Reverse Side) EIL & CAE INOPEUTOR

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AREA 6 LOCATE WEL	40 ACRES L CORRECTLY		UNTIL 1	FORM <b>C</b> -105 IS	PROPERLY FIL	LED OUT.	:		:
Shell Oil Cor		د وب خذ خر د و و بو خگوه به د	<u>å</u>	Box 1457_	Hobbs,	New Mex			
State	Company or (		2-A	inN	E/4 " of	лаа Бес. <u>36</u>	ress	T 24-5	:
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						3430 IIIIC VI		······································	
f State land the ol	l and gas lease	is No	<u>1107</u>	Assi	gnment No			10 - 712 - 702 10 - 41 - 50 <b>3</b> - 60	;
f patented land th Government land	1e owner is	• • •		·····	·····	Address		·····	
Government land	l the permittee	is			<u></u>	Address	Box Just	- Watha North	Vair
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o. 1, from	ven is to be kep	pt confiden	tial ûntil. OIL 3525	not cont SANDS OR No.	idential ' ZONES 4, from	<u></u>	19i -	• • • •	•
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<ol> <li>1, from 33</li> <li>2, from 33</li> <li>3, from 33</li> <li>4, from 33</li> <li>5, from 34</li> </ol>	ven is to be kep	toto	tial until OIL 3525 IMPOR ation to w	SANDS OR SANDS OR No. No. TANT WATE	ZONES 4, from 5, from 6, from CR SANDS ose in hole.		19; -	• • • •	
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Form C-110 OIL CONSERVATION COMMISSION **STATE OF NEW MEXICO** CERTIFICATE OF COMPLIANCE AND AUTHORIZATION Company or Operator Shell 011 Company, Incorporatedease State Address Box 1457 Hobbs, New Mexico Box 1509 Midland, Texas (Local or Field Office) (Principal Place of Business) Unit\_H\_\_\_ Wells No.2A\_\_ Sec\_36\_\_ T245\_\_ R36E Field Langlie-Mattix\_\_\_ County\_\_Lea Kind of Lease State Location of Tanks Center of lease. Address of Transporter Box 486 Hobbs, New Mexico Transporter Shell Pipe Line Corp. (Local or Field Office) Norreuctions' n. Texas. Place, of Business), Percent of oil to be transported 100. Other transporters author-Houston, Texas ized to transport oil from this unit are as a group none not have subject and the subject and the subject of th in distantiality dependence and and we have been new under the suit NEW COMPLETION: Allowable to date from 2-6-49. The undersigned certifies that the rules and regulations of the Oil Conservation Commission been complied with have been complied with except as noted above and that gathering agent is authorized to transport the percentage of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico. Executed this the 17th day of February, 194.9 By Frank R. Lovering the state of the state of the state of the strict Superintendent usan aman de State of <u>New Mexico</u> New Mexico New Mex Before me, the undersigned authority, on this day personally appeared Frank R. Lovering known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report it true and correct. Subscribed and sworn to before me, this the Notary Public in and for Lea \_County. 2-1947 Approved: \_\_ OIL CONSERVATION COMMISSION By Oll. D. Uankro

OPM Form C-108 OIL CONSERVATION COMMISSION Santa Fe, New Mexico NISCELLANEOUS REPORTS ON WELL Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission. Indicate nature of report by checking below. REPORT ON BEGINNING DRILLING OPERA-TIONS **REPORT ON REPAIRING WELL** REPORT ON RESULT OF SHOOTING OR CHEM-ICAL TREATMENT OF WELL REPORT ON PULLING OR OTHERWISE ALTERING CASING REPORT ON RESULT OF TEST OF CASING REPORT ON DEEPENING WELL **X** : SHUT-OFF **REPORT ON RESULT OF PLUGGING OF WELL** . . . . . . . 1949 Hobbs, New Mexico January 31. Date ' Place OIL CONSERVATION COMMISSION, SANTA FE, NEW MEXICO Gentlemen: Following is a report on the work done and the results obtained under the heading noted above at the. Shell Oil Company, Incorporated State Well No\_\_\_\_2\_A in the Tesse Company or Operator NE/4 36 <u>24-5</u> <u>·36--E</u> · T \_\_\_\_ N. M. P. M. of Sec. Langlie-Mattir Lea Field, \_ County. 1-29-49 The dates of this work were as follows:\_\_\_\_ Notice of intention to do the work was (xxxxxxxx) submitted on Form C-102 on 1-27-19 19 and approval of the proposed plan was (wna-not) obtained. (Cross out incorrect words.) DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED After W.O.C. 48 hours, tested 5 1/2-inch casing with 1000 p.s.i. for 30 minutes. Held OK. Top of cement behind 5 1/2-inch casing at 900 feet, by stress strain measurement. Shell Oil Company, Incorporated Production Foreman Witnessed by J. K. Pevehouse Company Name Title I hereby swear or affirm that the information given above is true and correct. Subscribed and sworn before me this 31st Name Frank R. Lovering Covering \_ 19<u>49</u> Jamary day of Position District Superintendent Representing Shell Oil Company, Incorporated Notary Public **Company or Operator** My commission expiredly Commission Expires Sept. 16, 19504 Address \_\_ Box 1457 Hobbs, New Mexico Remarks: APPROVED Title

Form C-102 ···· NEW SEXICO OIL CONSERVATION COMMISSION AN 2 8 1945 SANTA FE, NEW MEXICO ۰. MISCELLANEOUS NOTICES Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered, advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission. Indicate nature of notice by checking below: NOTICE OF INTENTION TO TEST CASING SHUT-OFF NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL - . . X NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING • NOTICE OF INTENTION TO CHANGE PLANS NOTICE OF INTENTION TO REPAIR WELL NOTICE OF INTENTION TO PLUG WELL NOTICE OF INTENTION TO DEEPEN WELL · · · · · · -January 27, 1949 Place Hobbs. New Mexico OIL CONSERVATION COMMISSION, Santa Fe, New Mexico. Gentlemen: Following is a notice of intention to do certain work as described below at the Shell Oil Company, Incorporated State NE/4 Well No.\_2-A in **Company or Operator** Lease N. M. P. M., Langlie-Mattix 36 24 36-E of Sec. . **T**. R Field. Lea County. FULL DETAILS OF PROPOSED PLAN OF WORK FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION Ran 5 1/2-inch casing to 3375 feet and cemented with 850 sacks. Plug down at 8:15 a.m. 1-26-49. After W.O.C. 48 hours will test casing. JAN 2 8 1949 Oil Company, Incorporated Shell Approved except as follows: ator or On 1 Frank R. Lovering By \_ Position District Superintendent Send communications regarding well to Name Shell Oil Company, Incorporated OIL CONSERVATION COMMISSION, Address Box 1457 Hobbs, New Mexico

JAN 1 2 1943 Form C-108 **OIL CONSERVATION COMMISSION** Santa Fe, New Mexico ILLANEOUS REPORTS ON WELLS Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling opera tions, results of shooting well, results of test of vasing survey, the Commission. Reports on minor operations area are signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission. Indicate nature of report by checking below. TVEW MEXICO. REPORT ON BEGINNING DRILLING OPERA-TIONS REPORT ON REPAIRING WEA J, THERWISE REPORT ON RESULT OF SHOOTING OR CHEM-ICAL TREATMENT OF WELL REPORT ON PULLING OR O ALTERING CASING ON RESULT OF TEST OF CASING REPORT REPORT ON DEEPENING WELL SHUT-OFF X REPORT ON RESULT OF PLUGGING OF WELL January 6, 1949 Hobbs, New Mexico Date · Place OIL CONSERVATION COMMISSION, SANTA FE, NEW MEXICO Gentlemen: Following is a report on the work done and the results obtained under the heading noted above at the. \_Well No:\_\_\_\_\_A Shell Oil Company, Incorporated State in the Lesse Company or Operator 36\_\_\_\_ т. NE/4 24-S <u>36--</u>E of Sec. \_\_ N. M. P. M. Langlie-Mattix Field, Lea \_ County. 1-4-49 The dates of this work were as follows:\_\_\_ Notice of intention to do the work was (margaret) submitted on Form C-102 on 1-4-49 19 and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.) DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED Tested 8 5/8-inch casing with 800 p.s.i. water pressure for 30 minutes. Held Drilled plug and tested cement job with 500 p.s.i. for 30 minutes. Held OK. OX. Shell Oil Company, Incorporated Production Foreman J. K. Pevehouse Witnessed by\_ Name Company Title I hereby swear or affirm that the information given above Subscribed and sworn before me this 6th is true and correct. The 16 (over 19 49 Name Frank R. Lovering Fundary day of Position District Superintendent Representing \_Shell Oil Company, Incorporated Notary Public · · · · · Company or Operator My commission expiredly Commission Expires Sept. 16, 1950 Address Box 1457 Hobbs, New Mexico (Dy, yarbrough Remarks; APPROVED Date\_\_\_\_\_JAN 1 2 1949 Title

Form C-102 EXICO OIL CONSERVATION COM Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed CB and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission. SANTA FE, NEW MEXICO NEW MEXICO. NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL NOTICE OF INTENTION TO TEST CASING SHUT-OFF X NOTICE OF INTENTION TO PULL OTHERWISE ALTER CASING NOTICE OF INTENTION TO CHANGE PLANS 194 NOTICE OF INTENTION TO REPAIR WELL NOTICE OF INTENTION TO PLUG WELL NOTICE OF INTENTION TO DEEPEN WELL • • •. 4, - 14 Hobbs, New Mexico January . 194**9** Date OIL CONSERVATION COMMISSION, Santa Fe, New Mexico. Gentlemen: Following is a notice of intention to do certain work as described below at the State Shell Oil Company, Incorporated NE /4 2-A Well No. in Company or Operator Lease 24-S Langlie-Mattix 36pE 36 of Sec. Т N. M. P. M. Field. Lea County. -FULL DETAILS OF PROPOSED PLAN OF WORK FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION Ran 8 5/8-inch casing to 365.14 feet and cemented with 350 sacks regular cement. Circulated out estimated 200 sacks. Plug down 5:30 p.m. 1-3-49. After W.O.C. 24 hours will test casing and water shut-off. Shell Oil Company, Incorporated Approved JAN 1 1 1949 except as follows: Company or Operator By Frank R. Lovering ore District Superintendent Position Send communications regarding well to Name Shell Oil Company, Incorporated OIL CONSERVATION COMMISSION, Address Box 1457 Hobbs, New Mexico sissity -011 Title

Form C-108	OIL CONSERVAT	ION COMMISSION	MER
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	Santa Fe, 1 MISCELLANEOUS R	EPORTS ON WELLS	JAN 1 1 194
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tions, results of shooting v	vell, results of test of casing shu	efore a notary public for reports on it off, result of plugging of well, and	d other important opera-
tions, even though the worl signed and sworn to before	k was witnessed by an agent of the a notary public. See additional	e Commission. Reports on minor instructions in the Rules and Regula	
	Indicate nature of rep	port by checking below.	- CUNSERVATIO
REPORT ON BEGINNIN TIONS	IG DRILLING OPERA-	REPORT ON REPAIRING W	VEL
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· · · · ·	January 4, 191	19 Hobbs, New Mexico Date	Place
OIL CONSERVATION CO SANTA FE, NEW MEXIC			
Gentlemen:			On
Shell Oil Company.		ined under the heading noted above Well NoWell No	· · ·
_NE/4	y or Operator	Lease T. 24-S. R. 36-E	
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	the work was (wasknut) submitt	ed on Form	<u> </u>
<u>-</u>	sed plan was (was not) obtaine	d. (Cross out incorrect words.) DONE AND RESULTS OBTAINE	D
-			
Spudded 12:30	a.m. 1-3-49.		
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•		•	
Witnessed by J.K.	Pevehouse Shell Oi Name	<u>Company, Incorporated</u>	Production Foreman Title
		I hereby swear or affirm that the in	
Subscribed and sworn be	efore me this 4th	is true and correct Trank	torening
dsy ofJ2		Name Frank R. Lovering Position District Superinter	ndent
	•	Representing Shell 011 Compa	_
	-	Company or Oper	ator
My commission expires	•	Address Box 1457 Hobbs,	New Mexico
•		neu &	ricky reach
Remarks:	APPROVED		Name
	Date		Title
	JAN 1 1 1949	۱.	
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Form C-101 NEW	MEXICO OIL CONSERVATION COMMISSION
	Santa Fe, New Mexico
	Santa Fe, New Mexico
	Dil Conservation Commission or its proper agent and approval obtained before drilling
begins. If changes in the prop returned to the sender. Submi instructions in Rules and Regu	sed plan are considered advisable, a copy of this notice showing such changes will be t this notice in triplicate. One copy will be returned following approval., See additional lations of the Commission.
Hobbs, Ne	v Mexico Place Place
	Place Silver and the Date State
Santa Fe, New Mexico, 🔪 🔅	n skárodnosla sil sversku roslíží ros vírsli 12. s <b>ovo</b> ls de Miloup
	andele a construction dates de la seconda de la demarca de la caractería de la caractería de la caractería de s
You are hereby notific	d that it is our intention to commence the drilling of a well to be known as
Shell Oil Company, Inco	rporated State Well No. 2-4 in NE/4
of Sec. 36 T 24-	5, R 36-E N. M., P. M.Langlie-Mattix Field, Lea County.
N	The well is 1980 feet (S.) (S.) of the north line and 735 feet
	(Ex (W.) of the east line of Sec. 36 T 24-S, R 36-E
	(Cine leasting from conting on other least ephdicities lines. Gross art more
· Ⅰ <del>·······</del>	If state land the oil and gas lease is No. B-1167 Assignment No. Source
Sec. 36	In and the second to a first a
	Address
	Address If government land the permittee is /// // // // // // // // // // /
	Address 1949
AREA 640 ACRES	Address Box 1457 Hobbs, New Mexico
LOCATE WELL COBBECTLY	We propose to drill well with drilling equipment as follows:
••••••	nal_rotary_rig
-	well in conformance with Rule 39 of the General Rules and Regulations of the
	lanket bond
We propose to use the following	strings of casing and to land or cement them as indicated:

Size of Hole	Bize of Casing	Weight Per Foct	New or Second Hand	Depth	. Landed or Cemented	Sacks Coment
11"	8 5/8#	32.0#	New	3601	cemented	300 sacks
7 7/8"	5 1/2 <b>*</b>	15. <i>5</i> #	Nev	3375 <b>'</b>	cemented	850 secks
	· ·					

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about <u>3375</u> feet. Additional information:

See reverse side.

JAN : 1 1949 19 Approved\_ except as follows:

Sincerely yours,

Shell Oil Company, Incorporated Company or Operator By Frank R. Lovering fran Position District Superintendent Send communications regarding well to Name Shell Oil Company, Incorporated Address Box 1457 Hobbs, New Mexico

OIL CONSERVATION COMMISSION, · · Uank <u>...</u>

ABRENCT NEED NTRONG INTROn de legen en la compañía de la compañía promoto de la compañía de la compañía de la compañía de la compañía d La compañía de la compañía de la compañía de la compañía de la compañía de la compañía de la compañía de la com La compañía de la compañía de la compañía de la compañía de la compañía de la compañía de la compañía de la com 818 - Se (K. This well will be drilled with same type mud and under same conditions as Shell State No. 1, (a direct south offset), in which well, cement reached top of salt as determined by temperature and caliper surveys, using 100 sacks less cement than specified above. If hole conditions differ, the Commission will be notified. This well is located 75 feet west of Shell State No. 2 which was J & A 1-1-49. Shell State No. 2 (TD 628') will be tested for water production and if not converted to a water well, will be properly P & A as soon as drilling of State 2-A is complete. <u>ب</u> 3 F-30 M (P-38 (P) POLICE International Space (etc.) and space ารณาวิวารศรี แต่มีมีวิวารศรีสถิติมา และความมากต่าง <del>มาสร้างนี้ใน มามูล ความม</del>ั a a she an an an a ta 2010. Tha The Caller is an an a set a the set and a set a transmission of the set of the and a second second second second second second second second second second second second second second second ی د به معنو و و a 🗕 🔐 🚛 🖾 📖 🗤 a tana sa tan ومعيشيت والوا . und under de la seconda de la seconda de la seconda de la seconda de la seconda de la seconda de la seconda de La completa de la seconda d Constant and the state of the s . ' . .. .... . . : an an an an 👔 👘 🕹 . 1997 - 1997 - 1987 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 . <u>.</u> ling fair () i tan kanala tan seri kan 
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## DOYLE HARTMAN Oll Operator 500 N. MAIN P. O. BOX 10426 MIDLAND, TEXAS 79702

#### (915) 684-4011

November 12, 1982

To all Off-setting Jalmat Gas Owners Langlie "A" State No. 3 SE/4 NE/4 and NE/4 SE/4 Section 36, T-24-S, R-36-E Lea County, New Mexico

We respectfully request your approval of the following application to the New Mexico Oil Conservation Division:

 Simultaneous dedication of the 80 acres consisting of SE/4 NE/4 and NE/4 SE/4 Section 36, T-24-S, R-36-E, Lea County, New Mexico to our presently existing Langlie "A" State No. 2 Jalmat Gas Well and and the soon to be drilled Langlie "A" State No. 3.
 The drilling of the Langlie "A" State No. 3 at an unorthodox Jalmat gas location consisting of 1980' FSL and 330' FEL of Section 36.

This letter is also your notice of our intention to qualify the proposed Langlie "A" State No. 3 as a Section 103 (Infill) Jalmat Gas Well.

Please designate your approval of the above by signing (1) one copy of this request and returning it in the enclosed stamped self-addressed envelope at your earliest convenience. The other copy of this letter is to be retained for your files.

Thank you for your cooperation in this matter.

Very truly yours, Doyle Hartman, Oil Operator

Fang G. Himm

Larry A. Nermyr Engineer

Agreed to t	his	day of	•	1982
The First N	ational Bank of 1	Fort Worth,	Texas	
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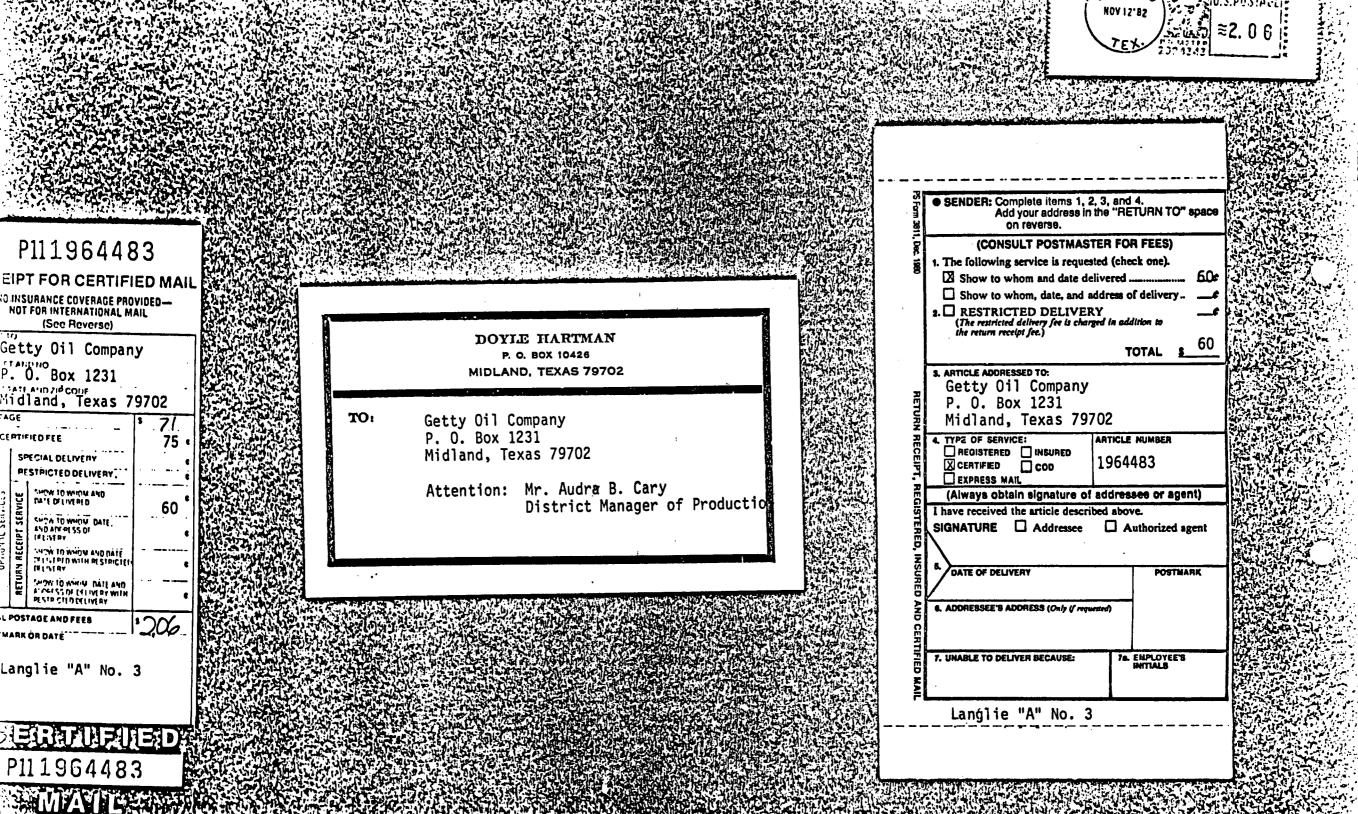
# Langlie "A" State No. 3 - Offsetting Jalmat Gas Owners November 12, 1982 Page 2

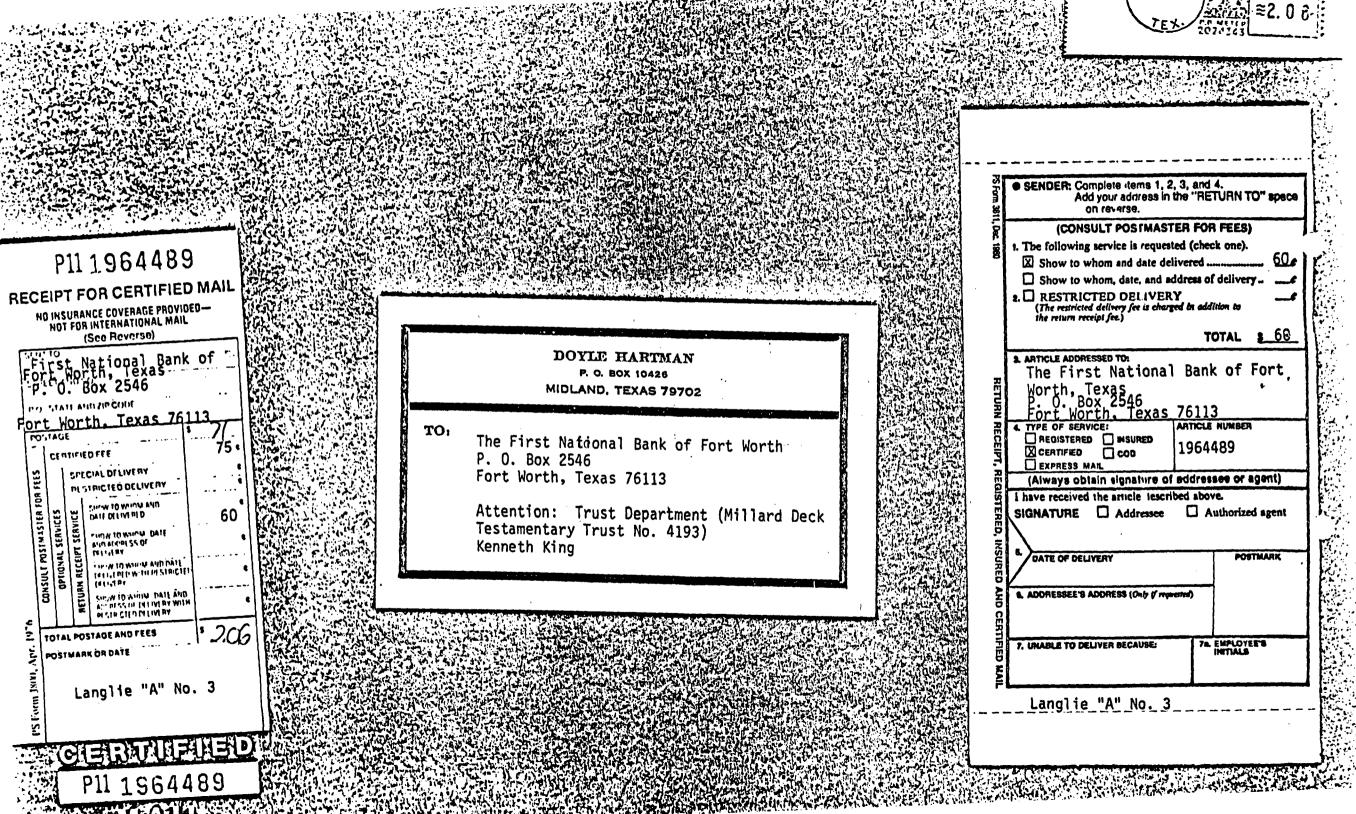
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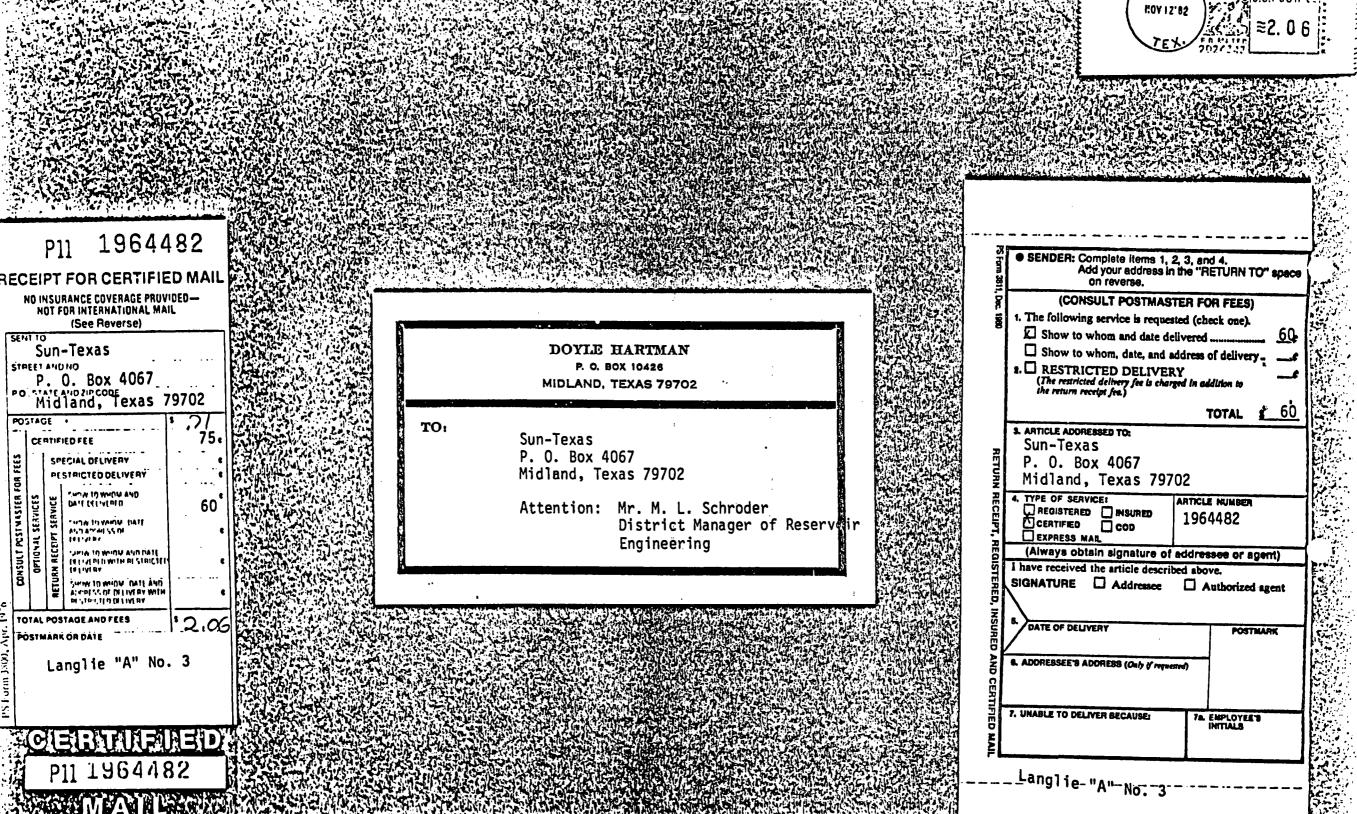
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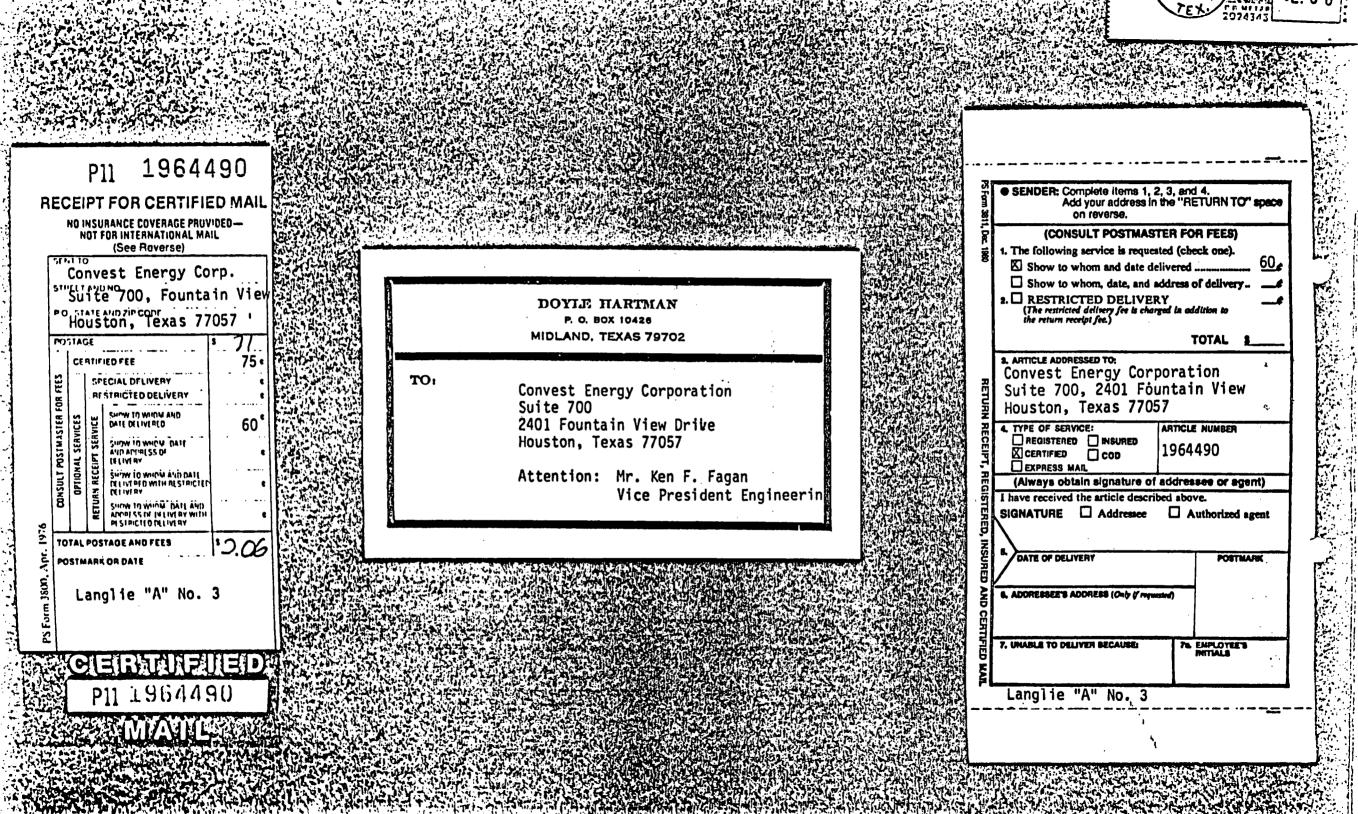
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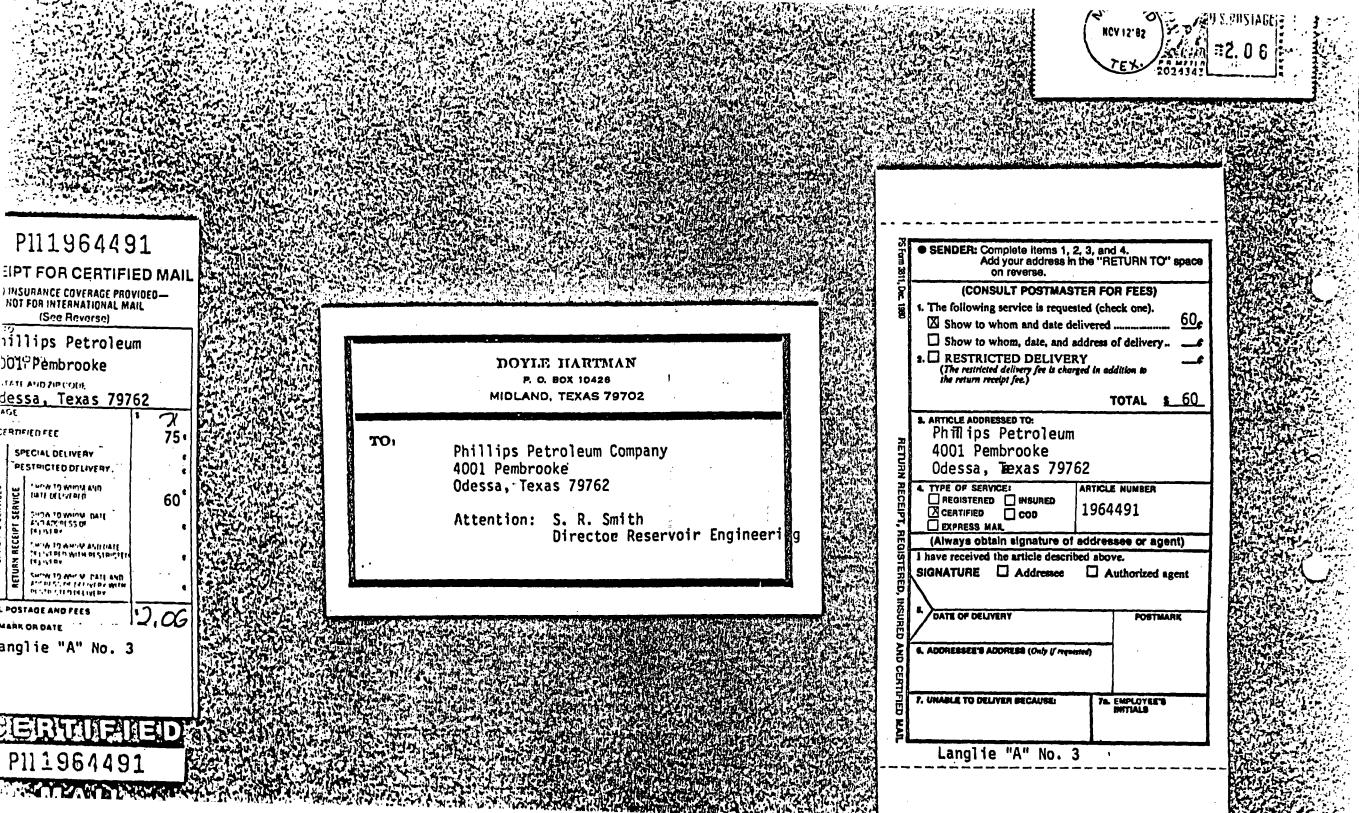
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DOYLE HARTMAN Oll Operator 500 N. MAIN P. O. BOX 10426 MIDLAND, TEXAS 79702

(915) 684-4011

January 14, 1983

State of New Mexico Energy and Minerals Department Oil Conservation Division Post Office Box 2088 Santa Fe, New Mexico 87501

Attention: Mr. R. L. Stamets

Re: Administrative Procedure Infill Finding Langlie "A" No. 3 Section 36, T-24-S, R-36-E at 1980' FSL & 330' FEL Lea County, New Mexico

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1AN 17 1983

OIL CONSERVATION DIVISION SANTA FE

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 Langlie "A" No. 3 located 1980' FSL and 330' FEL Section 36, T-24-S, R-36-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 production unit dedicated to the well are enclosed.
- Rule 6 The name of the pool in which the infill well has been drilled Jalmat (Gas) Pool, and the standard spacing unit therefore is 640 acres.
- <u>Rule 7</u> The number of the Administrative Order approving the non-standard proration unit and unorthodox location dedicated to the well is NSL-1628.
- Rule 8 Table 1 attached to William P. Aycock's letter dated July 19, 1982 shows the following:

State of New Mexico January 14, 1983 Page 2

- a. Lease name and well location;
- 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.
- <u>Rule 9</u> Letter dated December 29, 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
    - 3. effects of secondary recovery or pressure maintenance operations
    - 4. C-104 and C-105 (including Inclination Report)
    - 5. Scout Ticket and Well Log Summary for Doyle
    - Hartman's Langlie "A" No. 3 (Infill Jalmat Well) 6. Scout Ticket and Well Log Summary for Langlie "A"
    - State No. 2 (previous producer on proration unit)
    - 7. N.M.O.C.D. Forms for the Langlie "A" State No. 2 (previous Jalmat producer on proration unit).
- <u>Rule 10</u> This application for infill finding is being filed in duplicate with the Santa Fe office of the Division.
- <u>Rule 11</u> 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.

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State of New Mexico January 14, 1983 Page 3

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

Very truly yours, DOYLE HARIMAN

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Becky Eichinger, Administrative Assistant

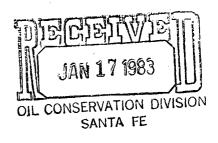
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Enclosures

### WILLIAM P. AYCOCK & ASSOCIATES, INC.

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

December 29, 1982



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

Attention: Mr. Mike Stogner

Subject: Administrative Application for Infill Well Findings for Doyle Hartman's Langlie "A" No. 3 Well, Section 36, Township 24 South, Range 36 East, 1980' FSL and 330' FEL, Jalmat (Gas) 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-6013-A. The following constitute the requirements of the said Order:

Rule 5: Attached are copies of the 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, and the standard spacing therefor is 640 acres.
- Rule 7: The non-standard proration unit and unorthodox well location were approved administratively by Order No. NSL-1628, a copy of which is attached hereto.
- Rule 8: See attached Table No. 1, "Summary of Required Information, Rule 8, Exhibit "A", Order No. R-6013-A" for requirements of Sections "a." through "f.". Also required by 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." The Jalmat (Gas) Pool well to which the present 80-acre non-standard proration unit was assigned was the Doyle Hartman Langlie "A" State No. 2; this well produced 415 MCF in October 1982, with an accumulative gas production

New Mexico Departmant of Energy and Minerals, Oil Conservation Division December 29, 1982 Page 2

> of 681.8 MMCF. The estimated ultimate gas recovery for the Doyle Hartman Langlie "A" State 2 is 692.8 MMCF as of October 1, 1982, resulting in an estimated future gas recovery for this pre-existing well of 11.0 MMCF. The estimated future life is about twenty-four months. Accordingly, any producible gas reserves that remain beneath the subject lease would have been substantially not recoverable from the subject property without the drilling of the infill application well.

Rule 9:

Section a.

Requires that a formation structure map be submitted; attached is a Yates formation structure map of the immediate area containing the subject lease.

Section 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 Langlie "A" No. 3 is 74 MMCF. Since the gas to be recovered from the Doyle Hartman Langlie "A" State No. 2 is estimated to be 11 MMCF, the increased ultimated recovery is 63 MMCF. The estimate of increased recovery for the Doyle Hartman Langlie "A" No. 3 was accomplished as follows:

(1) Well logs for the Doyle Hartman Langlie "A" No. 3 were analyzed, resulting in the following:

Mean Porosity, Fraction of Bulk Volume 0.180

Mean Connate Water Saturation, Fraction of Net Effective Pore Volume 0.27

Net Effective Pay Thickness, Feet

34.

Since the gross pay thickness constituting potential gas reservoir for the langlie "A" No. 3 is 63 feet, the above represents a net effective pay thickness to gross pay thickness ratio of 54 percent.

(2) The production test for the Doyle Hartman Langlie No. 3 performed on December 27, 1982, was analyzed, resulting in the following:

New Mexico Departmant of Energy and Minerals, Oil Conservation Division December 29, 1982 Page 3

> Stabilized Deliverability Coefficient, MCF/day per psia<sup>2</sup>,

0.010720

Initial Stabilized Wellhead Shut-in Pressure (Pc), psia 128.2

Initial Gas Formation Volume Factor scf/rcf 8.71

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

Original Gas-in-Place

MMCF/Acre

MMCF/80 Acres

Estimated Gas Recovery Factor, Fraction of Original Gas-in-Place 0.

0.545

1.696

135.7

Estimated Ultimate Recovery, MMCF per 80 Acres 74.0

Section c.

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Other supporting data submitted include the following:

Well Log/Completion Summary for the pre-existing Doyle Hartman Langlie State "A" No. 2.

Gas Production History Tabulation and Graph for Doyle Hartman Langlie State "A" No. 2 (the pre-existing well).

Complete New Mexico Oil Conservation Division (NMOCD) Forms on file for both the pre-existing Doyle Hartman langlie State "A" No. 2 and the Infill Hartman Langlie "A" No. 3.

New Mexico Oil Conservation Division Order No. NSL-1628

New Mexico Department of Energy and Minerals, Oil Conservation Division P. O. Box 2088 Page 4

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/pkm

Enclosures

## TABLE NO. 1

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# 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, OPERATOR*	INFILL APPLICATION WELL DOYLE HARTMAN, OPERATOR
a •	Lease Name and Well Location	Langlie "A" State No. 2	Langlie "A" No. 3 330' FEL & 1980' FSL
b.	Spud Date	January 3, 1949	December 8, 1982
с.	Completion Date	February 14, 1961 in Jalmat Pool	December 27, 1982
d.	Mechanical Problems	Originally Completed in Langlie Mattix February 6, 1949; Langlie Mattix abandoned	None -
		February, 1961 due to "fish" with top at 3281'.	· · · · · · · · · · · · · · · · · · ·
e.	Current Rate of Production	13.4 MCF/day in October, 1982	C-105: 132 MCF/day
f.	Date of Plug and Abandonment	Not Plugged	Not Plugged

\*Drilled by Shell Oil Company; Operator changed to Petroleum Corporation of Texas June 1, 1970; Doyle Hartman became Operator November 2, 1982.

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( STATE OF NEW MEXICO ( ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

December 6, 1982

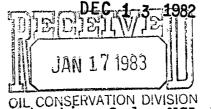
<sup>1</sup> POST OFFICE BOX 2088 FTATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

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BRUCE KING GOVERNOR LARRY KEHDE

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

Attention: Larry A. Nermyr



Administratiser Order NSL-1628

Gentlemen:

Reference is made to your application for approval of a non-standard location for your Langlie "A" Well No. 3 located 1980 feet from the South line and 330 feet from the East line of Section 36, Township 24 South, Range 36 East, NMPM, Jalmat Gas Pool, Lea County, New Mexico.

Also, you are hereby authorized to simultaneously dedicate an existing 80-acre proration unit comprising the NE/4 SE/4 and SE/4 NE/4 of said Section 36 to the above-described well and your Langlie "A" State Well No. 2 located in Unit H of said Section 36. Further, you are hereby permitted to produce the allowable from any of the wells on the proration unit in any proportion.

By authority granted me under the provisions of Rule 3 of Order No. R-1670, the above-described unorthodox location is hereby approved.

Sincerely

JOE D. RAMEY, Director

JDR/RLS/dr

cc: Oil Conservation Division - Hobbs

Oil & Gas Engineering Committee - Hobbs

Oil & Gas Division - State Land Office - Santa Fe

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# GAS PRODUCTION HISTORY

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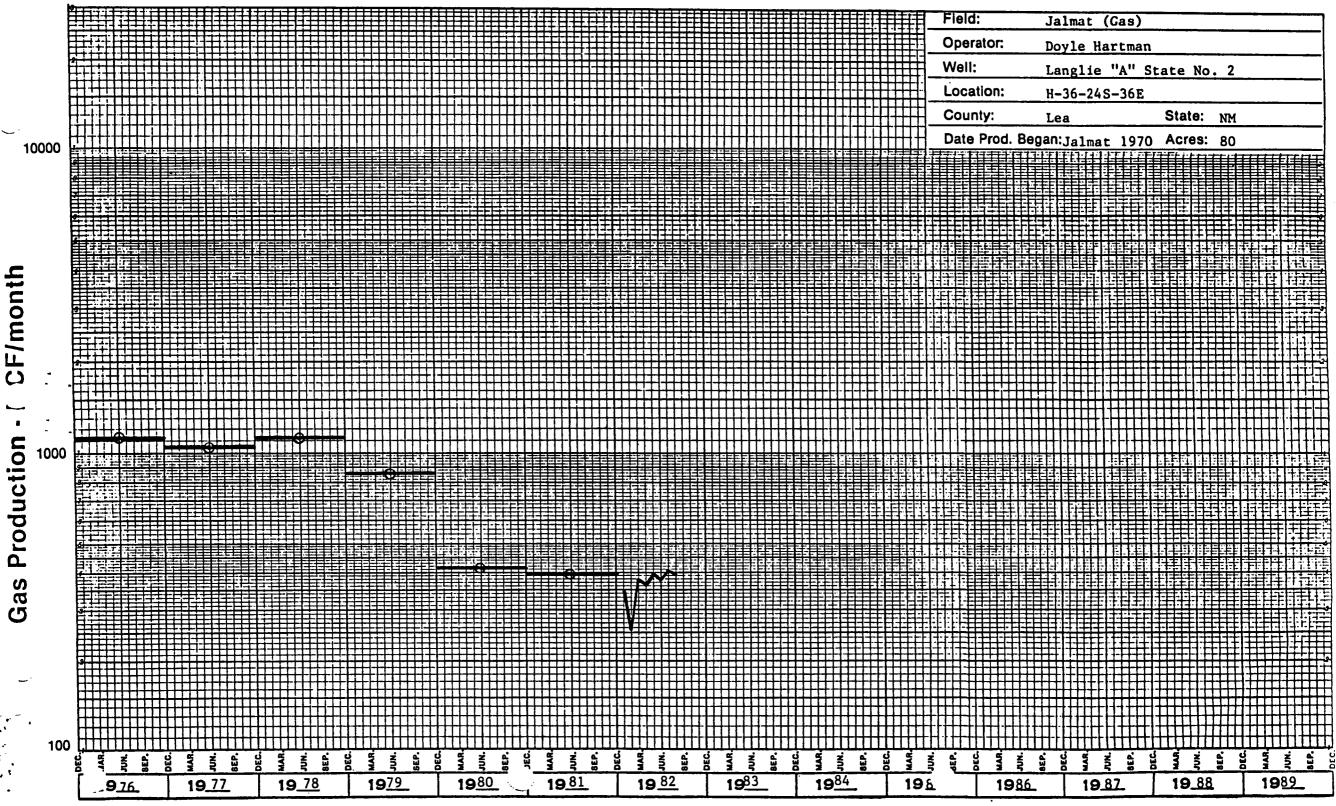
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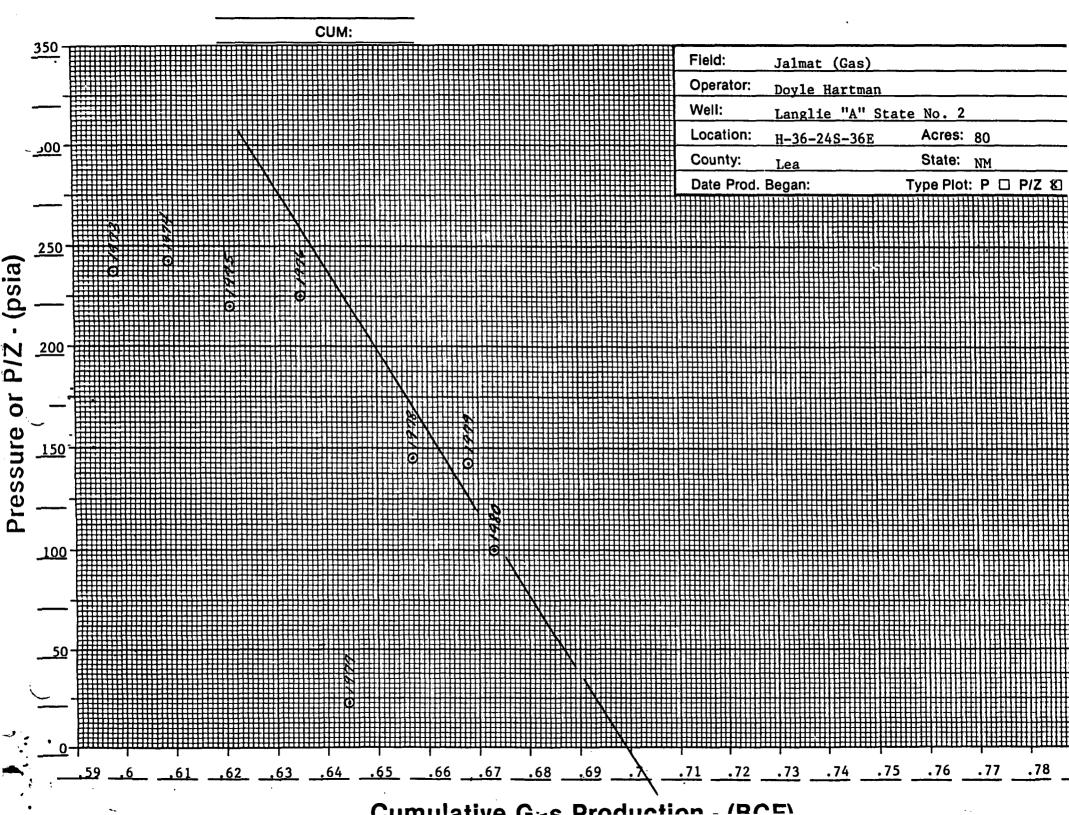
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		Langlie "A" H-36-24S-36E				<u>_</u>
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Pool:		Jalmat (Gas)	··· ·· ·· ·· ·· ··			· · · · · · · · · · · · · · · · · · ·
Spud Date:		······	Ori	ginal Completic	on Date:	
Completion I	nterval (Ga	s):				
Completion D	ate (Gas):			First Prod	uction (Gas):	
Remarks:		Recompleted	<u>Jalmat (Gas)</u>	<u> 1970 - chan</u>	ge in operator 11/82	
						·
	No.	Annual Gas	Avg. Gas	Cum. Gas	Annual	

, 	Year	of Mos.	Production (MCF)	Rate ( MCF/mo.)	Production (MMCF)	SIP (psia)	P/Z	
	1973	12	14948	1246	598.1	217.2	225	
	1974	12	11534	961	609.7	222.2	230	
	1975	12	12114	1010	621.8	213.2	220	
	1976	12	13407	1117	635.2	217.2	225	
	1977	9	9405	1045	644.6	23.2	23	
	1978	12	13259	1105	657.8	142.2	145	
	1979	12	10389	866	668.2	135.2	140	
	1980	12	5212	434	673.4	99.2	100	
	1981	12	4695	391	678.1	99.2	100	
	982					<u> </u>	·	
						<u></u>		
						<u> </u>		<u> </u>
<u>.                                    </u>							·	
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1982 Detail Summary			19 Detail Summary		
Jan	343	July 403	Jan	July	
Feb	259	Aug <u>399</u>	Feb	Aug	
March		Sept	March	Sept	
April	368	Oct	April	Oct	
May		Nov	May	Nov	
June _	380	Dec	June	Dec	
	,				
Production (Y-T-D)			Avg. Rate (Y-T-D) _	·	
Days or i	Months (Y-T-D)		-		





ANTA PE IN MEXICO OIL CONSERVATION COMMISSION NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG State Call & Gale Completion AND OFFICE PERATOR 2. Unit of the Call & Gale Completion 2. Unit of the Call & Gale	1 mm []
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P. O. Box 10426, Midland, Texas 79702 OIL CONSERVATION DIVISION almat (Gas)	
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East: LINE or SEC. 36 TWP. 24S RGL. 36F AMPRIL ALL MARKED Lea L. Date Grudaed 16. Date T.D. heaches 17. Date Court 1. Through to Prod. J 16. Prevations (DF. RKis, RT, GR, etc.) 19. Liev. Cash	inghead
12/8/82 12/15/82 12/27/82 3254.3 GL 3254	
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Alade Alade	ational Survey
2785-2877 w/20 (Yates) yes	
Type Licetric and Other Logs Bur: 27, Was Well Core	
CDL-DSN-GR and Guard Forxo No	
CASING RECORD (Report oll strings set in well)	······································
	NT PULLED
<u>9 5/8" 36.0 401 12 1/4 250 sx (circ)</u> none	2
<u>7"</u> 23.0 3366 8 3/4 675 sx (circ) none	<u>}</u>
LINER RECORD	· · ·
	KER SET
2 3/8" 3007 -	
Ferformion hozord (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ET(	- 
20 holes with one shot each at: 2785, DEPTH INTERVAL AMOUNT AND KIND MATERIA	
2789, 2794, 2798, 2802, 2810, 2813, 2816, 2785-2877 A/ 5300 Gal. 15% MCA	
2825, 2831, 2834, 2838, 2842, 2845, 2848,	~.
2863, 2867, 2870, 2873, 2877	
PRODUCTION	,
First Froduction Method (Flowing, gas life, pumping - Size and type pump) Well Stritus (Prod. or Si	ut-in)
2/24/82 Pumping 6 SPM. 64" stroke. 1-1/4" pump Shut-in	
2/26/82 24 22/64 For Cil = Ebl. Gas = MCF Water = Ebl. Gas = Oil R 132 6	2110
	(Corr.)
Tubing Press.   Casing Pressure   Calculated 24- Oil - Bil.   Gas - MCI   Water - Bil.   Oil Gravity - Al	n n
How Fiute	
FCP=51 psi.	2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
FCP=51 psi, 132 6	
FCP=51 psi.     How Hule     132     6       Disposition of Gus (Nold, used for fuel, vented, etc.)     Test Witnessed By       Vented     Harold Swain	
FCP=51 psi,     How Hule       Disposition of Gas (Nuld, used for fuel, vented, etc.)     132       Vented     Harold Swain	5 'B' + 6 + 4 - 1999
FCP=51 psi.     How Hule     132     6       Disposition of Gus (Nold, used for fuel, vented, etc.)     Test Witnessed By       Vented     Harold Swain	

This logg is to be filed with the appropriate District Office of the Commission nor root under any one the component of any one of an experiment of the Commission net root and any one the commission of the second well. It shall be accord model by one copy of all electrical distributions for one of the well and a womming of all special tests conducted, including drift star tests. All depting reported that he measured depths to be covered directionally drifted wells, true vertical depths shall also be repetited. For multiple completions, time, and through 34 shall be reported for each zone. The form is to be filed in quintuplicate exception state(find, where six enders are required. See hule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

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## Southeastern New Mexico

#### Northwestern New Mexico

T. Anhy1110	T. Canyon	T Ojo Alamo	T. Penn. "B"
T. Sult 1212	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt2630	T. Aloka	T. Pictured Cliffs	T. Penn. "D"
T. Yates2783	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 2992	T. Devonian	T. Menefee	T. Madison
T. Quien	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
	•	-	T. Ignacio Qizie
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	Т
			T
T. Tubb	T. Granite	T. Todillo	T
T. Drinkard	T. Delaware Sand	T. Entrada	T
T. Abo	T. Bone Springs	T. Wingate	T
			т
T. Penn	<u> </u>	T. Permian	
T Cisco (Bough C)	<u> </u>		
No. 1, from	01L OR 	GAS SANDS OR ZONES	to
No. 2, from		No. 5, from	······································
No. 3, from	to	No. 6, from	
	IMPOR	TANT WATER SANDS	
Include data on rate of water infl	ow and elevation to which water	rose in hole.	
No. 1, from			**************************************
No. 2, from		feet.	
No. S, from	to	feet.	******
No. 4, from	to		

FORMATION RECORD (Attach additional sheets if necessary)

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1110	1212	102	Anhydrite				i .
1212	2630		Salt and Anhydrite	İ	1		
2630		153	Dolomite and Anhydrite				
2783	2992	209	Dolomite and Sandstone		1	}	
2992	3364	372	Dolomite and Sandstone				
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UIST HILLY ICH SANTA FX 2 FILLY U.S.G.S. LAND OFFICT.	REQU	DIL CONSERVATION COMMISSION LST FOR ALLOWABLE AND TRANSPORT OIL AND NATURAL	Hum G-104 Supersedes Old C-114 and Ellective 1-1-65 GAS
DPETITOR PHOLATION OFFICE Cymiaiu		TRANSPORT OIL AND NATURAL	
Andress Doyle Har	tman		
P. O. Box Reason(s) for filing (Check proper New Wall X Recompletion	box/ Change in Transporter of: Cil Di		
Change in Ownerst.ir	ne		RVATION DIVISION
and address of previous owner_ DESCRIPTION OF WELL AN		÷44	
Langlie "A" State	Well No. Foci Name, Incidit 3 Jalmat (Gas		
Unit LetterI ;1	980 Feet From The South	Line and <u>330</u> Feet From	The East
Line of Section 36	Township 245 Range	36E , NMFM, Lea	County
DESIGNATION OF TRANSPO	DRTER OF OIL AND NATURAL	GAS	
Nome of Authorized Transporter of	CII or Condensate	Address (Give address to which oppro	oved copy of this form is to be sentj
None of Authorized Transporter of El Paso Natural G	3631	Address (Give address to which appro P. O. Box 1384, Jal,	
If well produces cil or liquids, give location of tarks.	Unit Sec. Twp. P.ge.	Is gas actually connected?	en
If this production is commingled a COMPLETION DATA	with that from any other lease or poo	1 No	Jan. 1983
Designate Type of Complet	tion - (X)	New Well Workover Deepen	Plug Back Same Res'v. Dill. Res'
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
12/8/82 Elevations (DF. RAB, RT. GR, etc.)	12/27/82 Name of Producing Formation	3367 Top O!!/Gas Pay	3039 Tubing Depth
3254.3 GL Perforations	Yates	2785	3007 Depth Casing Shoe
2785 - 2877 ( Yat		ND CEMENTING RECORD	3366
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
<u>    12  1/4                             </u>	9 5/8	401	250 sx (circ) 675 sx (circ)
			· · · · · · · · · · · · · · · · · · ·
TEST DATA AND REQUEST F OIL WELL	OR ALLOWABLE (Test must be able for this c	after recovery of total volume of load oil a tep:h or be for full 24 hours)	nd must be equal to or exceed top allow
Date First New Cil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift	, elc.)
Length of Test	Tuking Pressure	Cosing Pressure	Cheke Size
Actual Fred. During Test	Cil-Bbia.	Water - Bble.	Gas - MCF
GAS WELL			
Actual Frad. 1. est-MCF/D 132	Length of Text 24 hours	BEIs. Condensate/MMCF	Grovity of Condensate
Orfice Tester	Tubing Fiessure (Gust-In)	Coairs Freeser (Stat-in) FCP=51 psi (S&CP=115)	Chote Size 22/64
ERTIFICATE OF COMPLIANC	CE .	OIL CONSERVAT	
besety cettify that the sules and s	egulations of the Oil Conservation	APPROVED	
sour is true and complete to the	ath and that the information given brat of my knowledge and belief.	BY	
		TITLE	mpliance with MULE 1184.
Langle jame	·····	If this is a request for showal	its for a newly drilled or deepenet
Fuille 1 K		All periting of this form must	te fisied out completely for ello-
DECEMPEN 27,	1982	eble in non and secondicted wells fift on only flections 1. 11. A well name of funder, or frantports.	in and MI for changes of owner
(linte	·/ _	to parate J urine G-104 must b	e filed for each yool in multip ?

empleted vette.

	INCL INAT	ION REPORT			
OPERATION DO	YLE HARTMAN	ADDRESS P.O. BOX 1	0426, MIDLAND, TEXAS 7970		
LICAT !ON LAN		_WELL NO3_FIEL	DEC 2 1 1982		
DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED		
430 960 1556	$\frac{1}{4}$ 3/4	1.8920 6.9430	1.8920 8.8350		
2115 2617	3/4 1 3/4 2 3/4	7.8076 17.0495 24.0960	16.6426 33.6921 57.7881		
2708 3000 3367	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	4.3680 10.1908 9.6154	62.1561 72.3469 81.9623		

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

OFFICE MANAGER DEBBTE

AFFIDAVIT:

Before me, the undersigned authority, appeared DEBBIE CLARK known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

AFFIANT'S SIGNATURE

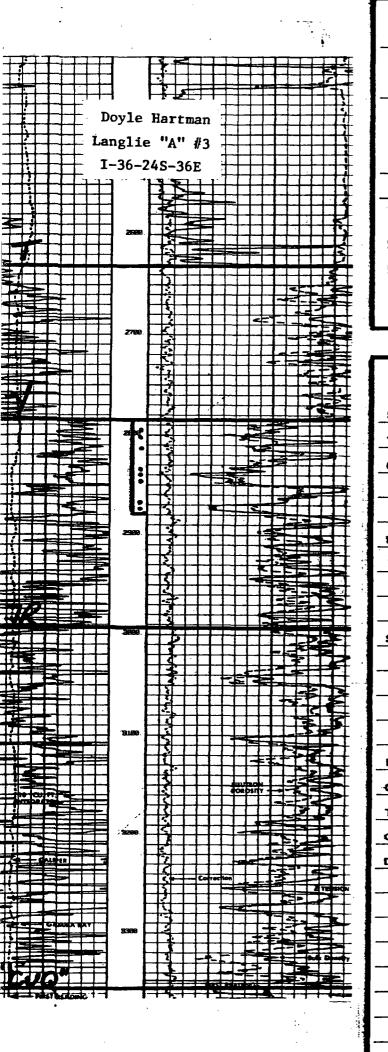
in my presence on this the 20TH day of DECEMBER 1982 Sworn and subscribed to

OFFI **NP** PUBLIC-NEW MEXICO RY BOND FILED WITH SECRETARY OF STATE MY COMMISSION EXPIRES FEBRUARY 6.

Notary Public in and for the County of Lea, State of New Mexico

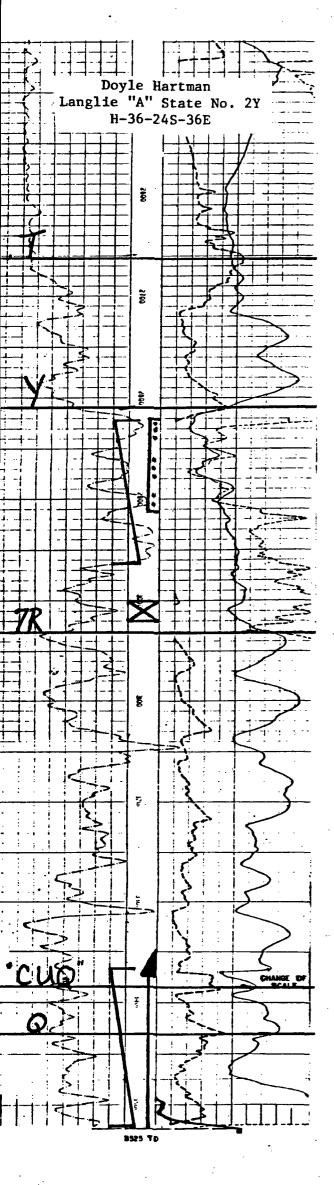
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SEAL



	•			
COMPANY	Doyle Hartman			
WELL	Langlie "A" State No. 3			
<u> </u>				
FIELD	Jalmat (Gas)			
LOCATION	1980 FSL & 330 FEL (I)			
	Section 36, T-24-S, R-36-E			
·				
	Lea			
STATE	New Mexico			
ELEVATIONS:	КВ <u>3264</u>			
	DF			
	GL3254			
منصبية الشجيبة سيتمتك كالأك				

	COMPLE	TION RECORD
SPUD DATE	17-18-82	COMP. DATE 12-27-82
		еомр. Дате 12-27-62 рвто 3039
	9 5/8 @ 4	
CASING RECORD		
	7 @ 3366	W/075
	oppPerf: 27	85-2877 W/20
	(Yates)	
<u></u>	(44000)	<u> </u>
STIMULATION	A/5300	
		- <del></del>
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		<u> </u>
IP	IPF=132 M	רוסיאיי). רוסיאיי
GOR		GR
TP	· · ·	CP =51 (SICP=115)
		NG 2 3/8" @ 3007
DST RECORD		
	imp arrangmen	nt: 6X64X1 <sup>1</sup> / <sub>2</sub>
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<u>,,</u>	· · · · · · · · · · · · · · · · · · ·	<u> </u>
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REMARKS		
		<u></u>
	<u> </u>	<u> </u>
•	<u> </u>	······································



COMPANY	Doyle Hartman				
	(Petco, Shell)				
WELL	Langlie "A" State No. 2Y				
	(Shell State No. 2A)				
FIELD	Jalmat (Gas)				
	1980 FNL & 735 FEL (H)				
	Section 36, T-24-S, R-36-E				
COUNTY	Lea				
	New Mexico				
ELEVATIONS:	КВ				
	DF3265				
	GL				

, ,	COMPLE	TION RECORD	
SPUD DATE		COMP. DATE	2-6-49
TD		PBTD	
_CASING RECORD	8 5/8 @ 3	65	
	5 1/2 @ 3	375	
<u></u>	·····	· · · ·	
PERFORATING RECO	RD OH: 3375-	3525	
		·	
STIMULATION Na	tural		
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<u></u>		······	· · ·
IP	IPF=50 BO	PD + 2 BWPD	
GOR		GR	
TP	410	CP 520	
сноке 16	/64 TUBII	NG	@
DST RECORD DS	<u>г 2822–2963</u>	: OP 0:40. G	TS
2 1	nin @ 2900 1	MCFPD. FP=9	00.
DS	г <u> 3368–3525</u>	<u>: OP 3:20. 1</u>	FTS
in	40 min @ 1	00 BFPD. 40	8 Oil
2-:	<u>14-61 PB @ :</u>	3000. Perf ;	2825-2912
W/2	10. SF/27000	. CAOF: 22	00 MCFPD.
			(Gas) producer.
	· · · · · · · · · · · · · · · · · · ·		
REMARKS			
<u> </u>			
1-3	-82 Cum: (	578.1 MMCF	
	-82 Prod: 1		· · · ·
	· · · · · · · · · · · · · · · · · · ·		

DISTRIBUTION	f f	L CONSERVATION COMA SION	DOYLE HARTMAN
/ IL C U.S.G.S.		ST FOR ALLOWABLE AND RANSPORT OIL AND NATURAL	
LAND OFFICE			
IRANSPORTER GAS			NOV 1 7 1982
PROPATION OFFICE	-1	_ · - · · · - · · · · · · · · · · · · ·	
DOYLE HARTMAN			E CIETWIETO
P.O. BOX 10426,	MIDLAND, TEXAS 79702		JAN 17 1983
Reason(s) for filing (Thech proper b New We!1	Change in Transporter of:	Other (Please esplain)	
Recompletion Change in Ownership X	Cil Dry Casinghead Gas Conc	Gas UIL densate	CONSERVATION DIVISION SANTA FE
If change of ownership give name and address of previous owner	Petroleum Corporation	of Texas, P. O. Box 911,	Breckenridge, Texas 76
. DESCRIPTION OF WELL ANI			
Lesse Name Langlie "A" Stat	Vell No. Pool Name, Including		Leose M
Location Unit Letter H ; 1	980 Feel Flom The North L		The East
		· · ·	
			Count
Nen.e of Authorized Transporter of O	RTER OF OIL AND NATURAL G	Address (Give address to which appr	oved copy of this form is to be sentj
Nome of Authorized Transporter of C		Add:ers (Give address to which appr	•
El Paso Natural Gas ( If well produces cil cr liquida,	Unit Sec. Twp. Pge.	Box 1384, Jal, New Mex	
give location of tanks.	with that from any other lease or pool.	Yes	2-14-61
COMFLETION DATA	Oil Well Gas Well	Now Well Workover Deepen	Plug Back Some Resty, Dill, Res
Designate Type of Completi Date Spudded	ion — (λ) Date Compl. Ready to Prod.	Total Depth	Р.В.Т.Ы.
Elovations (DF, RKB, RT, GR, etc.,	Name of Froducing Formation	Top O!!/Gas Pay	- Tubing Depth
Perloraijons			Depth Casing Shoø
HOLE SIZE	TUDING, CASING, AN CASING & TUBING SIZE	D CEMENTING RECORD DEPTH SET	SACKS CEMENT
	· · · · · · · · · · · · · · · · · · ·		
TEST DATA AND REQUEST F	OK ALLOWABLE (Test must be a	fier recovery of social volume of load oll	and must be equal to or exceed top allo
OIL WEIL Date First New Cil Hun To Tanks	Date of Test	enth or be for full 24 hours) Froducing Method (Flow, pump, gas li	ji, eic.j
Length of Tret	Tuting Pressure	Casing Freesure	Choke Size
Actual Fred, During Toot	Cil-Bble.	Water - Btlt.	Gas-NCF
<b></b>		<u></u>	·
GAS WELL Actual First Tool-MEE/D	Length of Test	Bble. Cardeneale/MMCF	Gravity of Condensate
Teaung kinikad (pitni, back pr.)	Tubing Presswe ( Chut-Sn )	Costra Fressure (Shut-In)	Chote Size
CLEIN ICATE OF CONFLIAN		OIL CONSERVA	TION COMMISSION
		APPROVED	TION COMMISSION
commission have been complied w	regulations of the Oil Conservation with and that the information given thest of my knowledge and helief.	BY Eddin When	
		TITLE OIL & GAS	NELECTOR
Fairy G. ) im		This form is to be filed in a	ompliance with RULE 1104. This for a newly drilled or despend
(Signa	) (we)	well, this form nium be accompany tests taken on the well in accor	nled by a tobulation of the deviation dance with RULE 111.
ENGINEER	10,	All sections of this form the able on new and recompleted we	at he filled out completely for pline lin.
NOVEMBER 2, 1	982		III, and VI for changes of when

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DISTRIBUTION					<sup>م</sup> رور به محمد بر مرور می از مرور از مرور می مرور مرور مرور مرور مرور مرور م	Supersedes Old C-102 and C-103	
NTA FE	╌┼╌┼╌┦	NEW ME	XICO OIL CON		18:11.W/281	Effective 1-1-65	
s.g.s.		:.				54. Indicate Type of Le	
ND OFFICE		i		in jan	17 1983	State X	Fee.
			• • • • •	LIL			BC 140.
	SUNDRY	NOTICES AND	REPORTS ON		ERVATION DIVIS		<u>IIIIIII</u>
(DO NOT USE THI	USE "APPLICATIO	DSALS TO DRILL OR TO N FOR PERMIT -** (FOI		ACK TO A DIFFERENT RE		7. Unit Agreement Nam	mm
OIL -	WELL	OTHER-		<b>.</b>		7. Out Agreement Num	(Jan ()
ane of Cperctor			······································			8. Farm or Lease Name	
troleum Co	rporatio	n of Texas				Langlie Stat	• "A"
-	reckenri	lge, Texas	76024			28	
ocation of Well						10. Field and Pool, or I	Vildcat
UNIT LETTER	H1	80 FEET FROM 1	Me North	LINE AND73	5 FEET FROM	<u>Jalmat (Gas</u>	20000
THE East		36	2	45	5E		
	LINE, SECTION				<u>, марм.</u>		
		15. Elevatio		DF, RT, GR, etc.) DF		12. County Lea	
	Check Ar	Dropriate Box 7		ature of Notice,	Report or Oth		1111111
	TICE OF INT		to marcate N		SUBSEQUENT		
FORM REMEDIAL WORK		PLUG A		REMEDIAL WORK		ALTERING CAS	ING 🔲
PORARILY ABANDON				COMMENCE DRILLING C		PLUG AND ABAI	NDONMENT
L OR ALTER CASING		CHANGE		CASING TEST AND CEM OTHER Plug C		<u>e Mattix Zon</u>	e 🕅
THER	······································						
escribe Proposed or	Completed Opera	tions (Clearly state	all pertinent deta	ils, and give pertinent	dates, including e	stimated date of starting	any proposed
vork) SEE RULE 110	98.						
1-3-72				11ed and 1a 1 284' 1½" t		ucker rods.	
1-4-72	Swab dow	n 2 - 7/8" t	ubing. (	)tis set ret	rievable	plug in Type	
2 1 7 2	S-1 land	ing nipple	@ 2920'.	(This iso	lates Lan	glie Mattix	
	zone - t	emporarily	abandone	ed). Otis o	pened sli	ding sleeve : hut in for n	in icht
	2-//8" t	ubing e 20.	14 . Fuj	1 One swab	run and s	NUC IN IOI N.	rgnc.
1-5-72	Swab Jal	mat zone ti	hrough tu	bing.			
1-6-72	Such Isl	mat zone	zone kick	ed off, pla	ced on pi	pe line for	
1-0-12				ervice unit			
					-		
	This is	a sincle co	ompletion	from Jalma	t zone.		
ereby certify that th	e information abo	ve is true and comple	ete to the best of	my knowledge and bel	ief.		
Man	112-	Joular	/ TITLE Dec	duction_Cle	rk	PATE 6-6-73	
		A0	لگ اندیا ہے جو ۲۰۰۰ <del>دی اور اور اور اور اور اور اور اور اور اور</del>	<u>()</u>	ict		
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ED BY	/	myon	TITLE			DATE	
TION OF APPROV	AL, IF ANY:	T	. 1	-,	1		
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74-5-1-1-2-5-4-	UT ALCON						

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NO. OF COPIES RECEIVED	· ]			ີ ສ		
DISTRIBUTION	NE	W MEXICO O			Form C -104	
SANTA FE		REQUE	Supersedes O Eflective 1-1-			
FILE U.S.G.S.				.05		
LAND OFFICE	AUTHORIZ	ATION TO T	RANSPORI		AL GAS	
TRANSPORTER OIL				1	and the ansature to be a survey and a survey	nta antinin'i antistat an
GAS				01.	MICELEN	
OPERATOR						
PRORATION OFFICE	<u></u>				<u> - 111 - jan 17 198</u>	33-111-11
Petroleum Corporat	ion of Texas			•	All	<u>L</u>
Address			<u></u>	······	OIL CONSERVATION	
P. O. Box 911, B		exas 76	024		SANTA F	-
Reason(s) for filing (Check proper b				Other (Please explain)		
New Well	Change in Tran: Oil	·	Gas		ange to be effect	
Change in Ownership X	Casinghead Gas		densate	from State	0. Name change o "A" to Langlie-S#	The "A"
•• •						
If change of ownership give name and address of previous owner	Shell Oil	Company,	Box 1509,	Midland, Texa	s79701	
DESCRIPTION OF WELL AN	D LEASE		Name, Includin		Kind of Lease	
Langlie State "A"	State	Ju Ja	lmat (Gas	)(Yates)	State, Federal or Fee	State
Location		<u>La</u>	n <mark>glie Mat</mark>	<del></del>		
Unit Letter_H ; 19	80 Feet From The	<u>North</u>	_ine and	735 Feet Fr	om TheEast	
36						
Line of Section 36 , T	'ownship 24S	Range	<u>36E</u>	, ММРМ,	Lea	County
DESIGNATION OF TRANSPORT	RTER OF OIL AND	NATURAL (	TAS			
Name of Authorized Transporter of C				live address to which ap	oproved copy of this form is t	o be sent)
Texas-New Mexico Pi				lO, Midland,		
Name of Authorized Transporter of C		Dry Gas 🎦		-	proved copy of this form is to	o be sent)
El Paso Natural Gas		Twp. Rge.	Box 138	34, Jal, New Mally connected?	Mexico 88252	
If well produces oil or liquids, give location of tanks.	H 36	245 36E		les	2-14-61	
f this production is commingled w						
COMPLETION DATA						
Designate Type of Complet	ion $-(X)$	Gas Well	New Well	Workover Deepen	Plug Back Same Res	v. Dill. Res'
Date Spudded	Date Compl. Ready to	Prod.	Total Depti	• • • • • • • • • • • • • • • • • • •	P.B.T.D.	
		,				
Pool	Name of Producing Fo	ormation	Top Oil/Go	is Pay	Tubing Depth	
Perforations					Depth Casing Shoe	
	TUBING	, CASING, AI	D CEMENTI			. <u> </u>
HOLE SIZE	CASING & TU		1	DEPTH SET	SACKS CEM	ENT
					· · · · · · · · · · · · · · · · · · ·	
	+	·				
EST DATA AND REQUEST F	OR ALLOWABLE	(Test must be	after recovery o	of total volume of load a	pil and must be equal to or ex	ceed top allow
DIL WELL	· · · · · · · · · · · · · · · · · · ·		lepth or be for j	(ull 24 hours)	· · · · · · · · · · · · · · · · · · ·	
Date First New Oil Run To Tanks	Date of Test		Producing N	lethod (Flow, pump, gas	sijt, EIC.j	
ength of Test	Tubing Pressure		Casing Pres	вите •	Choke Size	
				•		
Actual Prod. During Test	Oil-Bbls.		Water-Bbls.	· · ·	Gas-MCF	
	<u></u>					
AS WELL						
Actual Prod. Test-MCF/D	Length of Test		Bbis. Conde	nscie/MMCF	Gravity of Condensate	
Festing Method (pitot, back pr.)	Tubing Preasure		Casing Pres	swe	Choke Size	
			╂		ATION COMMISSION	
ERTIFICATE OF COMPLIAN	L'E				1111 7 1070	
hereby certify that the rules and a	regulations of the Oil	Conservation	APPROV	ED	1970, 19	)
mmission have been complied v	vith and that the info	rmation given		Jal H.	amer	
ove is true and complete to the	JOEST OF ENV KNOWLED	se and belief.	BY			
<u>ل</u> الما الم			TITLE_	SUPERVISOR DI	SIRCY	
In sont	7 1	/	This	form is to be filed in	compliance with RULE 1	104.
Mary K.	aylor/		11	- is a second for all	wable for a newly drilled	or deepened
	nue)		well, this tests take	form must be accomp in on the well in acc	ordance with RULE 111.	
Production Clerk()			All 50	ections of this form m	ust be filled out completel	y for allow-
July 1, 1970	able on new and recompleted wells. Fill out Sections 1, 11, 111, and VI only for changes of condition.					
			II . ••••• •		in a sther such choose o	F condition.

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LA OF CONTES RECEIVED	7				
DISTRIBUTION	TE NEW MEXIC	CO OIL CONSERVA	TION COMMISSION	Form C-104	
SANTA FE		QUEST FOR ALL		Supersedes Old C-104 as	-4 C-
FILE		AND		it fin Effective 1-1-65	•
U.S.G.S. C			AND NATURA	-	
LAND OFFICE		TO IRANJI J		IL GADICE	
		-	5		
I TRANSPORTER					
GAS .		1			
OPERATOR		,		jān 17 1983	
PRORATION OFFICE	7	•			
Operator Shall Otl Comments	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \\ \ \ \ \ \\ \ \\ \ \\ \ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\\ \\\ \\\ \\\ \\\ \\\_\ \\_\ \\_\ \\ \\_\ \\_\ \\_\ \\_\ \\	· · ·		TION DIVISION	
Shell Oil Company (Wes	stern Division)		Oil	CONSERVATION DIVISION	
Address				SANTATE	
P. 0. Box 1509, Midlar	nd, Texas 79701		17 2		<u>1</u> .
		<b>I</b> 7	Other (Please explain)		
Reason(s) for filing (Check proper box		1. V	•		•
New Well	Change in Transporter of:		Change in Les		
Recompletion		Dry Gas		ate #2Y	
	Casinghead Gas	Condensate		ate A #2Y	
Change in Ownership			ـــــــــــــــــــــــــــــــــــــ		
If change of ownership bive name and address previous owner	·				
V.V.	<u></u>				
DESCRIPTION OF WELL AND	TRACE				-
Lease Name	LLASE Well Nc.	Pool Name, Including	Formation	Kind of Lease B-1167	7
State # A	21	Jalmat (Gas	- <b>.</b>	State, Federal or Fee State	•
	<u> </u>	Jarmer 1-	3/ 2000-		2
Location					-
Unit Letter H ; 19	980 Feet From The North	h time and 77	35Feet Fro	om The <u>East</u>	
Unit Letter	/UUteet rious	<u>[[]</u> Line	<u>17</u>	om tue	
26		261	F 2F 3278 4	- Cov	^ <b>-</b>
Line of Section 36 , Tow	ownship 245 Ran	inge <u>36E</u>	, NMPM,	Lea Cou	unty
_	·				
DESIGNATION OF TRANSPORT		AL GAS		···	
Name of Authorized Transporter of Oil	1 or Condensate 🕅	Address (G)		pproved copy of this form is to be sent)	
Texas-New Mexico Pipe			Sox 1510, Midla	-	
		l		•	
Name of Authorized Transporter of Cas				proved copy of this form is to be sent) New Mexico 88252	-
El Paso Natural Gas Con	1 V		box 1384, Jal,		_
	Unit Sec. Twp. F		····•	When	
If well produces oil or liquids, give location of tanks.	H B6 245		les	February 14, 1961	
If this production is commingled wit	th that from any other lease or	•• pool, give commin	ogling order number:	• •	-
COMPLETION DATA	-				
· · · · ·		Well New Well	Workover Deepen	Plug Back   Same Res'v. Diff. R	les'v.
Designate Type of Completio	on – (X)	!			_
Date Spudded	Date Compl. Ready to Prod.	Total Depth	· · · · · · · · · · · · · · · · · · ·	P.B.T.D.	
Date Shares	Date Compr	1	<i>,</i>	P.D. 1.w.	
Pool	Name of Producing Formation	Top O!!/Gas	s Pay	Tubing Depth	
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	Shell Oil Company (Wes	stern Division	<b>1)</b>		<del></del>		OIL CONS	ERVATION	DIVISION	•
	P. 0. Box 1509, Midlan	nd, Texas	79701	·			OIL CONC	SANTA FE	•	
	Reason(s) for filing (Check proper box	•				Other (Please		N		
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	and address of previous owner									
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111.	DESIGNATION OF TRANSPOR	TER OF OIL AND	NATURA	L GA	IS ···				•	_
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	El Paso Natural Gas Con		· _ · ; · · · · [			Box 1384				-
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	give location of tanks,	<u>: I : 36 ;</u>	245 : 30		Yes			Februa	ry 1954	
v.	If this production is commingled wit COMPLETION DATA	· · · · · · · · · · · · · · · · · · ·		001,		ingling order				
	Designate Type of Completio	on - (X)	Gas We	511	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'i
	Date Spudded	Date Compl. Ready t	o Prod.		Total Lept	h	<u> </u>	P.B.T.D.		
	Peol	Name of Producing F	ormation		Top OL/Ge	is Pay		Tubing Dep	th	
	Periorations	L	·					Depth Casing Shoe		
								l		
	HOLE SIZE			AND	CEMENTI	DEPTH SE		<b>6</b> A	CKS CEMENT	
			BING SIZE			DEFINAL			CKS CEMEN	
						· · · · · · · · ·				
		·						ļ		
v.	TEST DATA AND REQUEST FO	R ALLOWABLE	(Test must	be af	ter recovery	of total volum	of load oil a	nd must be ea	ual to or excee	d top allow
	OIL WELL	·	able for th	is dep	oth or be for	full 24 hours) Method (Flow,	·			
	Dele : 1181 New OIL Aun 10 Janes	Date of Test			Producing i	Wernou (r. row,	<i>pump</i> , gus,	, e.c.,		
	Length of Test	Tubing Pressure			Casing Pre	saute	•	Choke Size		
	Actual Prod. During Test	Oil-Bbla.			Water - Bbla	·····	•	Ges-MCF		
	Actual Floa. During Test	011-8618.			Willer - DDra			968 - MOI		
	·	· ·				····				
1	GAS WELL Actual Prod. Test-MCF/D	Length of Test	- <u>-</u>	T	Bhis, Conde	nsgte/MMCF		Gravity of Ca	ndenagte	
	Testing Method (pitot, back pr.)	Tubing Pressure	· · · · ·		Casing Pres	sure		Choke Size		
	CERTIFICATE OF COMPLIANC	CE						TION COM	MISSION	
	I hereby certify that the rules and re	gulations of the Oil	Conservati	on	APPROV			<u>] / j</u>	, 19	
	Commission have been complied wi above is true and complete to the	ith and that the info	ormation giv	en	BY	<u></u>		<u></u>	00000	. <u> </u>
		· · · · · · · · · · · · · · · · · · ·		Ŧ	TITLE_	26331			· · · · · · · · · · · · · · · · · · ·	
				ł			filed in co	mpliance wi	th RULE 1104	
	K.W. Jagron	e K. W. Lag	grone	_	If th	la is a reques	t for allowa	ble for a new	vly drilled or a	deepened
-	(Signat	ure)			well, this tests tak	form must b en on the we	e accompani 11 in accord	ed by a tabu ance with R	lation of the out	deviation
•	Division Production		17		A11 =		is form must	be filled ou	t completely f	or allow-
	September 8, 1				Fill	out Sections	1, 11, 111, •	nd VI only	for changes o	l owner,
					Fill out Sections 1, II, III, and VI only for changes of owner, well name or number, or transporter, or other such change of condition.					

	02
NO. OF COPIES RECEIVED	· 🛱 m C-103
DISTRIBUTION	Supersedes Old CI02 and C-103
SANTA FE	Effective 1-1-65
Jun 21 12 59 511 '66	5a. Indicate Type of Lease
LAND OFFICE	State X Fee.
DISTRIBUTION SANTA FE FILE U.S.G.S. LAND OFFICE OPERATOR	5. State Oil & Gas Lease No. B-1167
SUNDRY NOTICES AND REPORTS ON WELLS	
	7. Unit Agreement Name
	8) Farm or Lease Name
Shell Oil Company (Western Division)	D) State
3. Address of Operator OII CONSERVATION DIVIS	9.) Well No.
P. 0. Box 1509, Midland, Texas 79701 SANTA FE	21
	10. Field and Pool, or Wildcat
UNIT LETTERH1980 FEET FROM THE NOT TH_ LINE AND735 FEET FROM	Jalmat (Gas)
THE <u>east</u> line, section <u>36</u> township <u>245</u> Range <u>36E</u> NMPM.	
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
3265' DF	Lea
16. Check Appropriate Box To Indicate Nature of Notice, Report or Othe	
NOTICE OF INTENTION TO: SUBSEQUENT	
PERFORM REMEDIAL WORK	
TEMPORARILY ABANDON	ALTERING CABING
PULL OR ALTER CASING	
OTHER	
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including eswork) SEE RULE 1703.	stimated date of starting any proposed
Nov. 6 1066 three Nov. 20 1966	
May 4, 1966 thru May 20, 1966 Treated via tubing - casing annulus w/2500 gallons 15% Unisol and :	Elushed w/48 bbls
- 9#/gallon Brine w/2 gallons LST-5, all containing 1500 cu. ft./bb	
Turned to El Paso line and stabilized production.	
Flowed at rate of 1255 MCFPD. FTP 100 psi.	
·	
·	
· ·	
to a tractic statistic dependence of the and normalize to the base of my beautistics and ballof	<u> </u>
18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.	
SIGNED MULTanism N. W. Harrison VILL Senior Exploitation Engineer	DATE JUNE 20, 1966

	STILLOODERS FRANKERS	DATE
CONDITIONS OF APPROVAL, IF ANY:	LANS what we be the state	

1 F

		· c	CC CC			
NO. OF COPIES RECEIVED		)	~ `			Form C-103
DISTRIBUTION			Ξ			Supersedes Old
SANTA FE		NEW MEXICO OII		RVAUEDOGCOMRISS	<b>M.C.C.</b>	C-102 and C-103 Effective 1-1-65
FILE		· .		1000000	~ 7 7 07	
U.S.G.S.			σ.	May 4 1 05	PU 166	Sa. Indicate Type of Lease
LAND OFFICE		0	X	UN 4 1 DP	IU DD	State X Fee
OPERATOR		AIN	ľĺAY		*	5. State Oil & Gas Lease No.
		Vł	<u>6</u>			B-1167
(DO NOT USE THIS FORM	W FOR PRO	Y NOTICES AND REPOR POSALS TO DRILL OR TO DEEPEN O NON FOR PERMIT -" (FORM C-101)	R PLUGYBA	WELLS	VOIR	
I. OIL GAB WELL WELL		OTHER-		1010101111		7. Unit Agteement Name —
Name of Operator				JAN 211500		8. Farm or Lease Name
Shell Oil Com	pany (	(Western Division)	القي	IN THE REAL	DIVISION_	State
Address of Operator			0	IL CONSERVATION	0.110	9. Well No.
P. O. Box 150	9, Mić	lland, Texas 79701		SANTA FE		<u> </u>
Location of Well			.; <del>-</del>			10. Field and Pool, or Wildcat
UNIT LETTERH		1980 FEET FROM THE	rth	_ LINE AND	FEET FROM	Jalmat (Gas)
		n <u>36</u> тоwnship				
		15. Elevation (Show a 3265' DF	whether D	F, RT, GR, esc.)		12. County
16. (	heck A	ppropriate Box To India	ate Na	ture of Notice. Re	port or Oth	er Data
	•	TENTION TO:			-	REPORT OF:
PERFORM REMEDIAL WORK		PLUG AND ABAND		REMEDIAL WORK Commence Drilling Opns		ALTERING CASING
PULL OR ALTER CASING		- CHANGE PLANS		CASING TEST AND CEMENT	·	
OTHER				OTHER	<u> </u>	L_J
7. Describe Proposed or Comp work) SEE RULE 1 108,	oleted Ope	erations (Clearly state all pertin	ent detai	s, and give pertinent dat	es, including o	estimated date of starting any proposed

We propose to treat via tubing-casing annulus w/2500 gallons 15% Unisol and flush w/2000

gallons salt water w/2 gallons LST-5 in flush to increase capacity.

u Harrison N. W. Harrison	TITLE Senior Exploitation Engineer	DATE May 3	1966
	TITLE	DATE	- ·.

## NEW MEXICO OIL CONSERVATION COMMISSION

### P. O. BOX 2045

HOBBS, NEW MEXICO

DATE June 13, 1961

A New Gas Well 🗉 🐳

An Oil-Gas Dual A Gas-Gas Dual

An Oil Well Converted to Gas

X)

RE: GAS WELLS

TO:

. ...

This is:

Shell Oil Company

Box 1858

Roswell, New Mexico

Gentlemen:

Form C-104 has been received on your	State #2-A H 36-24-36
	Lease Well No. Unit S-T-R
	x
But no allowable can be assigned this	And a <u>80</u> acre allowable wil
well until the following forms have	be assigned in the <u>Jalmat</u> Pocl
been received:	under Order No: DC-1044
Form C-104	Filed61
Form C-110	Filed <u>2-22-61</u>
Form C-128	Filed
NSP Order	Approved 3-1-61
Notice of Connection	Date of Connection
Deliverability Test	Filed
	DC Order 3-1-61

OIL CONSERVATION COMMISSION 1 Engineer District'l

Original-OCC, Santa Fe cc-File, Operator & Transporter---- EP

Original-Operator cc-File OIL CONSERVATION COMMISSION P. O. BOX 871 SANTA FE, NEW MEXICO

March 1, 1961

Shell Oil Company P. O. Box 845 Roswell, New Mexico

Attention: Mr. R. L. Rankin

#### Administrative Order NSP-525

Gentlemen:

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

> TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM Section 36: SE/4 NE/4 and NE/4 SE/4

It is understood that this unit is to be dedicated to your Shell State 2 A Well, located in Unit H of said section 36.

By authority granted me under provisions of Order No. R-1670, you are hereby authorized to operate the above described acreage as a non-standard gas proration unit, with allowable to be assigned thereto in accordance with the pool rules, based upon the unit size of 80 acres.

Very truly yours,

A. L. PORTER, Jr., Secretary-Director

ALP/OEP/og

cc: Oil Conservation Commission - Hobbs Oil & Gas Engineering Committee - Hobbs El Paso Natural Gas Company - El Paso OIL CONSERVATION COMMISSION P. O. BOX 871 SANTA FE, NEW MEXICO

# March 1, 1961

Shell Oil Company P. O. Box 845 Roswell, New Mexico

Gentlemen:

Enclosed herewith please find Administrative Order NO. DC-1044 for your State Well No. 2A located in the SE/4 NE/4 of Section 36, Township 24 South, Range 36 East, NMPM, Lea County, New Mexico, to permit the production of gas from the Jalmat Gas Pool and the production of oil from the Langlie-Mattix Pool.

Very truly yours,

A. L. PORTER, Jr., Secretary-Director

ALP/JEK/09

Oil Conservation Commission - Hobbs Oil & Gas Engineering Committee - Hobbs CCI

	DIL CONSE	RVATIC	ON COMMISSION	FORM C-110
SATATI SA	ANTA FE, M	NEW ME	XICO	(Rev. 7-60)
				ON
	;	~ <u> </u>	NATURAL GAS	TE SIC
Company or Operator	COPIES WI			
Shell Oil Company			State	
Unit Letter Bection Township 218 Range	36E		Cousty	
Pool Langlie-Mattix (oil) - Jalmat (Gas)		<b>K</b>	Kind of Lease (State, Fed Fee) State	
If well produces oil or condensate Unit Letter	Se	ection 36	Township	Range -
sive location of tanks H Authorized transporter of oil 🕱 or condensate	Address	36 (give addre	215 ress to which approved copy of the	36E this form is to be sent)
				• :
Texas-New Mexico Pipe Line Company			374, Eunice, New Me	exico
Is Gas Actually Connect	<u> </u>			
Authorized transporter of casing head gas or dry gas X Date Con- nected	Address (	give addre	ess to which approved copy of th	unis form is to be sent)
El Paso Natural Gas Company		• Box :	1384, Jal, New Mexi	l <b>co</b>
If gas is not being sold, give reasons and also explain its present disposition	a:		· ·	
				•
				· · ·
				i
REASON(S) FOR FILING			-	
New Well	. –	in Ownersh xplain belo	hip	
Oil Dry Gas	. wei (ei	oek		:
Casing head gas . Condensate	•			<del>,</del> <b> </b>
				:
emarks	<u></u>			
			•	-
	anglie-M		(0il)	÷ I
	lalmat (G 2-14-61	.a0		
· · · · · · · · · · · · · · · · · · ·			•	<u> </u>
he undersigned certifies that the Rules and Regulations of the Oil Co	ODSCIVELION	Commiss	sion have been complied with	b
	bruary		, 19 <u>61</u>	
OIL CONSERVATION COMMISSION	By		Dal	
proved by		A. Low	very Mill. La	untry
Ve-VinVII	Title		Exploitation Engine	er -
de Alle	Company			
Enginger Listral T		011	Company	:
e JUN 15 Pro	Address Box	845,	Roswell, New Mexico	
				•

## NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

# REQUEST FOR (DID) - (GAS) ALLOWABLE

(Form C-104) Revised 7/1/57

xBocomptations

Dual

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-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is, filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

			•		Roswe	11, New Mex	ico	Februar	y 20, 196 <b>1</b>
					•	Place)			(Date)
<u>.</u>	hell (	il Com	pany	NG AN ALLOWA	ate .	Well No.	AS in	SE	NE 14.
	(Compan H	ny or Ope , Sec	rator) 36	., T24-5 , R.	(Lease) -36-E NN	(PM.,	Jalmat		Pool
 	I Please in	ea dicate lo	cation:	OI County. Date Spi Elevation326	eration sta <del>addat 1=29</del> 5!	rted 	operatio	n completed PBTD	2 <u>-11-61</u>
D		36 <u>-</u> B B	A	Top gtd/Gas Pay	28251	Name of Prod	Form	Yates	
E	F	- <b>G</b>	H	Perforations 2865 Open Hole	<b>5 –</b> 2867 <b>',</b> 3	2874° - 2880	<b>7</b> , 2906 <sup>†</sup>	- 2912'	3264'
L	K	J	- I	OIL WELL TEST - Natural Prod. Test		•	•		
M	N	0	Р	Test After Acid or load oil used):	• •		. •		Challa
980' I	NL & 1	735' FI	L, Sec.	GAS WELL TEST 36 Natural Prod. Test:	·	MCF/Day; Hour	s flowed	Choke S	ize
Tubing , Sire		nd Cement Feet	ting Record Sax	Method of Testing (	pitot, back pres	sure, etc.):		Davi Hours f	
8 5/8	n .	354	350	Choke Size_28/64	Method of Testi	ng:	e Open F]	low	
5 1/2	u 3	365	850	Acid or Fracture Tr sand):250 G. MC	A, 27,000 G.	lease crud	e, 45,090	# sand,	900# Mark I
2 1/2	<b>u</b> 2	867		Casing Tu Press. Pr Oil Transporter	bing Dat essoil Cexas-New Me	te first new run to tanks xico Pipe L	Februa ine Compa	ry 1), 1 ny	Adomite 961
 				Gas Transporter	El Paso Nat				
lemarks:	, 					• • • • • • • • • • • • • • • • • • • •			•
		ify that	the inform	nation given above	is true and comp	plete to the best Shell Oil	of my knowl Company	edge.	
pproved	DIL CO	NSERV	ATION C	, 19. 1961 کر 1961 OMMISSION			npany or Ope	rator) (1. La	why
, l	1_		<u> </u>	//~	Title	District H	xploitat	<u></u>	
itle	· · /			<b></b>	Name	Send Commun Shell Oil	•	aroing wen	
		•		•	Address	Box 845, F	bswell,	New Mexic	; <u>o</u> :
4 4 4 4 5 5		e antestina - 1936				a second and the second second second second second second second second second second second second second se			

	•				RVATION C			FO	
•	-> WELL	LOCAT	ION AND	ACRI	EAGE DED	ICATIO	N PLAT		vised 5/1/57
	J	TKUL		SECTI		<u>× Inc</u>	THISIC	TETT VIE	111
erator	Shell Oil C	Company		Lease	Sta	te		Well No.	24 32
it Letter Sec H	stion 36	Township	2 <b>4</b> S	Ran		County	JA	N 171983"	
tual Footage Locati 1980 fee		horth	line and		735 fee	t from the	OIL CONSi east	ERVATION DIVI	
ound Level Elev.	Producing For	ormation	line	Pool		<u>م</u> ن .		Dedicated Acre	
3255'		ates			Jalm	at		80	
	estion two is	no," list all	the owners	of Consol and their	respective inter Land Descripti				
	estion two is "	no," list all	the owners		respective inter				
net		no," list all SECTIC			respective inter			CERTIFICATIO	N
					respective inter		I hereby of in SECTIO plete to the belief, Ale Ale Ale Name R. A. L. Position Distric Company Shell O. Date	certify that the in ON A above is tru- he best of my known $\int \int $	nformation we and com- owledge and
					respective inter		I hereby of in SECTIO plete to the belief, Ai control Name R. A. La Position Distric Company Shell O. Date Februar I hereby ce shown on the plotted from surveys ma supervision	certify that the in ON A above is tru- the best of my known Convery A Exploitat Dil Company y 20, 1961 ertify that the well the plat in SECTI m field notes of a and by me or under and that the sat t to the best of my	information ue and com- owledge and in Engin ion Engin ion Engin ion B was actual er my ame is true

5.617.07 FALE ULB.8.6 LAND OFFIC TRANSFORT FROMATION STEMATOR			MISCEL	LANEO	JS RE	PORTS (	COMMISSION DN WELLS	(Rev 3-55)
Name of Co	Shel	1 Oil Company		Addro	Bo		oswell, New	
Lease	State		ell No. 2A	Unit Letter H	Section 36		215	Range 36E'
Date Work 1 1-29-6	Performed L thru 2-14-61		Mattix -			County	Lea Tratic	100000000000000000000000000000000000000
Begin	ning Drilling Operatio		A REPORT ( ing Test and			iate block)	<u>+ - </u>	
D Pluggi		_	edial Work		-		Completion	JAN 17 1983
3. Top 4. Ran 5. Dun 6. Loa 7. Spo 8. Per 290 9. Tre in 10. Ran tub in	o of fish @ 328 Baker Model 1 aped 7 1/2' fra ded casing and tted 250 gallo forated 5 1/2' 6' - 2912' w/1 ated w/27,000 3 stages using 95 jts. (2867 ing tail pipe place @ 2920', 840', Otis Sie	FA packer on war ac sand on top mulus w/oil Property for the pro- ons 15% MCA on " casing 2825" 1-1/2" JSPF. gallons lease g ball sealers. () 2 1/2", 6.9 bull plugged ( otis Blas Nip eeve Valve in compared (	ireline & of packs ressure t bottom, - 2837', oil cont 5#, SH, H 3264'. oples 290	er. Ran tested 5 pulled 2848' taining CUE, N-8 Baker 04' - 29 tion 28	2" op 1/2" 2" tub - 2851 1/67# 0 tubi Seal A 14", 2 14", 1	casing to casing to ping. 1, 2864 sand & 1 ing + 60' ssembly 2862' - 2 Baker 1 Company (C	<ul> <li>- 2867', 2</li> <li>- 2867', 2</li> <li>/30# Mark I</li> <li>blast nipp</li> <li>3000', Otis</li> <li>882', 2846'</li> <li>urbulizers</li> </ul>	30 minutes/OK. 874' - 2880', I Adomite/gallon les + 262' 2 1/2" S nipple w/plug - 2856', 2820' spaced approximate back of page)
		FILL IN BELO				L		
D F Elev.	TD		PBTD	AL WELL I	DATA	Producing	Interval	Completion Date
Tubing Diam	eter	Tubing Depth		Oil Stri	ng Diame	ter	) Oil String	) Depth
Perforated In	iterval(s)	I•			:		:	
Open Hole In	-	•		Produci	ng Forms	ntion(s)		
	· · ·	•	RESULTS	<u>`</u>		/		
Test	Date of	Oil Production	Gas Pro	duction	Water F	roduction	GOR	Gas Well Potential
Before	Test	BPD	MCF	עץ	B	PD	Cubic feet/Bbl	MCFPD
Workover After			•	•				
Workover								bove is true and complete
		TION COMMISSION	<u></u>		best of	my knowledg	;e.	
Approved by		[ ] //		Name	R. A.	Lowery	R.A.	Louiley.
Title	- Y THE			Positi	20		jitation Eng	1
Date		····		Сотра	DY	Oil Com		
L		· · · · · · · · · · · · · · · · · · ·						

60' apart thru perforated zone. Pushed out Baker expendable plug from Model FA packer & latched seal assembly in packer. Set tubing w/10,000# tension.

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Hydrotested tubing to 5000 psi. 11. On Absolute open flow potential flowed 2.200 million CFGPD based on the following: CHOKE CASING PRESSURE

Time (hrs.)	MCFPD	CHOKE	CAD ING THEODOLD
2	404.4	13/64"	435 psi
1 1/2	582.5	16/64"	426 psi
1 1/2	930.0	20/64"	405 psi
2	1169.0	24/64"	380 psi
21	1284.0	28/64"	309 psi

No fluid during test. Official Completion Date February 14, 1961.

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ante da la construcción de la construcción de la construcción de la construcción de la construcción de la const Ante de la construcción de la construcción de la construcción de la construcción de la construcción de la const Ante de la construcción de la construcción de la construcción de la construcción de la construcción de la const

1.200.00

entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entra entr

						5.5.5		
4	•	Х		-				
``````````````````````````````````````	11.	NEW MEXICO	OIL CON	SERV	TION	COMMISS	ION	FORM C-103 (Rev 3-55)
	CH-JK	AISCELL Submit to appropria	•				\$BBS OFFICE	000
Name of Co	mpany -	Oil Company	<u> </u>	Addre	-88	1000	HOY 2 Hi g Roswell, New M	-
Lease	State	We	ll No. Uni 2 <b>A</b>	t Letter H		on Township		the second second second second second second second second second second second second second second second se
Date Work F 8-4-59	erformed thru 10-29-59	ويتحدث والمستجد والمستحد والمتحدث والمستج والمستج والمستج والمستج والمستج والمستج والمستج والمستج والمستج والم	ie-Mattix REPORT OF:	(Charl		County	Lea	
Beginz	ing Drilling Operation		g Test and Ce				Explain):	· · · · ·
Detriled act		X Remen		and re	eulte ob			
<ol> <li>Treaded</li> <li>Ran above</li> <li>Ran 6. In 2</li> <li>Ran 7. Pull</li> <li>Treaded</li> <li>Treaded</li> <li>Per 9. Ran 10. Record</li> </ol>	Lynes Productive ve packer. pump & rods to 24 hours pumped led rods & pump ated via casing gallon. 2" x 1 1/2" x overed load. 24 hours pumped H. B. Broo 3265 <sup>1</sup> eter 2"	3375' - 3405' ion Packer on 2 3399'. 8 BO + 17 EW 7 W/10,000 gall 24' Fluid Pack 15 BO + 135 B ks FILL IN BELOW 3525' Tubing Depth	2" tubing w/9-54" S ons lease ed 3-Tube W w/9-54" Production	& set PM. crud Botto SPM. SPM.	packe e cont om Hol eman Vork R DATA	er @ 3405	<ul> <li>Opened sl:</li> <li># sand &amp; O.l#</li> <li>rods to previ</li> <li>Shell Oil Comp</li> <li>NLY</li> <li>Interval</li> <li>- 3525'</li> <li>Oil String Deg</li> <li>3375</li> </ul>	Adomite ious setting.
	• · · · · · · · · · · · · · · · · · · ·	<b>-</b>						
Open Hole In	3375 <sup>1</sup>	- 35251	RESULTS OF		ng Form	Se	even Rivers	
Test	Date of Test	Oil Ptoduction BPD	Gas Produc MCFPI	tion	Water I	Producti <b>ca</b> 3 P D	. GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover	2-15-59	8	69.9			54	8738	-
After Vorkover	10-29-59	15	88.9			135	5927	
	OIL CONSERVAT	ION COMMISSION	1			ny knowledg		e is true and complete
Approved by	nHI	hull /		Name	R	A. Lowe	ROL	sulger.
nge'	Enginier			Positi	D	Istrict E	xploitation Fr	lgineer
Date	.// NOV	2 1959		Сотра	AT	nell Oil	-	
· <del>- · · · · · · · · · · · · · · · · · ·</del>	•							-

				(Form C-1) (Revised 7/1/)
	NEW MEXICO OIL CON		OMMISSION	
1.	MAIN OFFIC	New Mexico		
Submit this notice in TRIPLICATE	MISCELLANE	OUS NOTI	CES MERICALIN	
submit this notice in IRIPLICATE returned to the sender on which wi or agent, of the plan submitted. The tional instructions in the Rules and	ll be given the approval, with any e plan as approved should be follow	modifications consid wed, and work shou	lered advisable, or the rejection ld not begin until approval is a	by the Commissi
NOTICE OF INTENTION TO CHANGE PLANS	Notice of Intention 1 Temporarily Abandon		Notice of Intention to Drill Deeper	
Notice of Intention to Plug Well	Notice of Intention to Plug Back		Notice of Intention to Set Liner	
Notice of Intention to Squeeze	Notice of Intention to Acidize	x	Notice of Intention to Shoot (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE	Notice of Intention (Other)		Notice of Intention (Other)	
Shell Oil (Company or	Operator)	Lesse		H (Unit)
Shell Oil (Company or SE <u>¼ NE</u> ¼ of Sec (40-acre Subdivision)	Company Sta Operator) 36 , T24-S , R.	te	2-4	(Unit)
Shell Oil (Company or SE <u>¼ NE</u> ¼ of Sec (40-acro Subdivision) Les (FC	Company Sta Operator) 36 , T24-S , R County. FULL DETAILS OF PRO DLLOW INSTRUCTIONS IN T	te -36-E NMPM POSED PLAN O HE RULES AND	Well No. 2-A in. Langlie-Mattin F WORK REGULATIONS)	(Unit)
Shell Oil (Company or SE <u>¼ NE</u> ¼ of Sec (40-acre Subdivision) Les (FC	Company Sta Operator) 36 , T24-S , R. County. FULL DETAILS OF PRO	te -36-E NMPM POSED PLAN O HE RULES AND	Well No. 2-A in. Langlie-Mattin F WORK REGULATIONS)	(Unit)
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THEFT	(Form C-110) (Revised 7/1/52)
* • • • ?	INSERVATION COMMISSION CELVED
	c, New Mexico JAN 28 1954
s necessary that Form C-104 be approved before this form can b well. Submit this for	be approved an an initial allowspie be assigned to any completed Uil or Gas
	IANCE AND AUTHORIZATION
	IL AND NATURAL GAS
nipany or Operator	Lease State D
	Box 1509, Midland, Texas
it	T. 24., R. 36., Pool Langlie-Mattix
inty Kind of Lease	
Dil well Location of Tanks	
horized Transporter. El Paso Natural Ga	25 Co. Address of Transporter
Jal, New Mexico	Box 1492, El Paso, Texas
	(Principal Place of Business)
- · ·	
	%
ASON FOR FILING: (Please check proper box)	
W WELL	
ANGE IN TRANSPORTER	] OTHER (Explain under Remarks)
MARKS:	
This report covers casinghead	gas production on the above lease in .
accordance with Commission Ord	der R-98-A, Paragraph, 9, Rule (1109, 011 CONS
Section (A).	
	FEB 8 1954
The undersigned certifies that the Rules and Regulatic	ons of the Oil Conservation Commission have been complied with.
Executed this theday of	1 A A I O TY 1051
EACLUICE THE DALLES AND AND AND AND AND AND AND AND AND AND	SHELL OIL COMPANY,
roved	et est set and a set and a set and a set and a set of a set of the set of a set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the s
OIL CONSERVATION COMMISSION	By LEllaste
A. A. T. anley	TitleDivision Production Superintendent
Ther District 1	1 JUC
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S.C	
	ALL ALL DEPENDENCE
	Form 4/119
	OIL CONSERVATION COMMISSION STATE OF NEW MEXICO
	CERTIFICATE of COMPLIANCE and AUTHORIZATION to TRANSPORT OIL
	Company or Operator Shell Oil Company LeaseState
	Address Box 1457 Hobbs, New Mexico Box 1509 Midland, Texas
	(Local or Field Office) (Principal Place of Business)
	Unit <u>H</u> Wells No. <u>2A</u> Sec <u>36</u> <u>T 24S</u> <u>R 36E</u> Field Langlie- <sup>M</sup> attixCounty Lea
	Kind of Lease <u>State</u> Location of Tanks <u>center of lease</u>
	Transporter <u>Texas &amp; New Mexico Pipe Line CAddress of Transporter</u> <u>Funice, New Mexico</u>
	(Local or Field Office)
,	Midland, TexasPercent of oil to be transported_100. Other transporters author- (Principal Place of Business) ized to transport oil from this unit arePODE
•	REMARKS: Operating ownership change effective close of business September 30, 1949 Previous owner: Shell Oil Company, Incorporated
1	The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport
t	the percentages of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conser- vation Commission of New Mexico.
t	he percentages of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conser- vation Commission of New Mexico. Executed this the <u>30th</u> <u>1949</u>
t	the percentages of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conser- vation Commission of New Mexico. Executed this the
t	the percentages of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conser- vation Commission of New Mexico. Executed this the day of
t	he percentages of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conser- vation Commission of New Mexico. Executed this the <u>30th</u> <u>1949</u>
t ł v	the percentages of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conser- vation Commission of New Mexico. Executed this the day of September, 1949, 1949 
t ł v S	the percentages of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conser- vation Commission of New Mexico. Executed this the day of
t ł v	the percentages of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conser- vation Commission of New Mexico. Executed this the day of
tłv SC kd	the percentages of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conser- vation Commission of New Mexico. Executed this the day of September, 1949, 1949 
tłv SC kd	The percentages of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico. Executed this the
tłv SC kd	tate of

(See Instructions on Reverse Side)

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	OIL CONSERVATION COMMISSION STATE OF NEW MEXICO
£7.	OIL CONSERVATION COMMISSION
	STATE OF NEW MEXICO
And A Land	OIL CONSERVATION COMMISSION STATE OF NEW MEXICO CERTIFICATE OF COMPLIANCE and AUTHORIZATION TO TRANSPORT OIL Operator Shell Oil Company, Incorporated Lease State
Company or	Operator Shell 011 Company, Incorporated Lease State
Address	box 1457 Hobbs, New Mexico Box 1509 Midland, Texas
	(Local or Field Office) (Principal Place of Business) Vells No.2A Sec. 36 T 24S R 36E Field Langlie-Mattix County Lea
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Kind of Leas	
Transporter	Texas-New Mexico Pipe Line Address of Transporter Midland, Texas . Texas Percent of oil to be transported 100. Other transporters author- Place of Business)
Midland	Lice and the second of the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second sec
(Principal ]	Place of Business)
-	ort oil from this unit are <u>none</u> 2013 to the none %
<b>REMARKS:</b>	ON: Allowable to date from 2-6-49.
· · ·	February allowable = 23 X 45 = 1035 barrels oil.
CORRECTED W	PY: Previous C-110, dtd. 2-17-49, listed Shell Pipe Line Corp., as trans-
: :	porter, which was in error.
The und	porter, which was in error. ersigned certifies that the rules and regulations of the Oil Conservation Commission
The und have been con the percentag	porter, which was in error. ersigned certifies that the rules and regulations of the Oil Conservation Commission mplied with except as noted above and that gathering agent is authorized to transport e of oil produced from the above described property and that this authorization will
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The under have been con the percentag be valid until vation Commi	porter, which was in error. ersigned certifies that the rules and regulations of the Oil Conservation Commission mplied with except as noted above and that gathering agent is authorized to transport e of oil produced from the above described property and that this authorization will further notice to the transporter named herein or until cancelled by the Oil Conser- ission of New Mexico. this the 23rd day of February 194 9
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The und have been con the percentag be valid until vation Comm	porter, which was in error. ersigned certifies that the rules and regulations of the Oil Conservation Commission mplied with except as noted above and that gathering agent is authorized to transport e of oil produced from the above described property and that this authorization will further notice to the transporter named herein or until cancelled by the Oil Conser- ission of New Mexico. this the 23rd day of February . Incorporated 
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The undo have been con the percentag be valid until vation Commi Executed State of	porter, which was in error. ersigned certifies that the rules and regulations of the Oil Conservation Commission mplied with except as noted above and that gathering agent is authorized to transport e of oil produced from the above described property and that this authorization will further notice to the transporter named herein or until cancelled by the Oil Conser- ission of New Mexico. this the 23rd day of February , 1949 (1997) Shell Oil Company. Incorporated (Company or Operator) By Trank R. Lovering Title District Superintendent
The undo have been con the percentag be valid until vation Commi Executed State of County of Before m	porter, which was in error. ersigned certifies that the rules and regulations of the Oil Conservation Commission nplied with except as noted above and that gathering agent is authorized to transport e of oil produced from the above described property and that this authorization will further notice to the transporter named herein or until cancelled by the Oil Conser- ission of New Mexico. this the 23rd day of February 1949 (Company or Operator) By Market B. Lovering Title District Superintendent New Mexico Lea Company of this day personally appeared Frank R. Lovering
The under have been conthe percentage be valid until vation Commin Executed State of County of Before monopole duly sworn on	porter, which was in error. ersigned certifies that the rules and regulations of the Oil Conservation Commission mplied with except as noted above and that gathering agent is authorized to transport e of oil produced from the above described property and that this authorization will further notice to the transporter named herein or until cancelled by the Oil Conser- ission of New Mexico. this the 23rd day of February 194.9 Shell Oil Company. Incorporated (Company or Operator) By Frank R. Lovering Title District Superintendent New Mexico the undersigned authority, on this day personally appeared Frank R. Lovering to be the person whose name is subscribed to the above instrument, who being by me oath states that he is authorized to make this report and has knowledge of the facts
The under have been cont the percentag be valid until vation Commin Executed State of County of Before m known to me duly sworn on stated herein	porter, which was in error. ersigned certifies that the rules and regulations of the Oil Conservation Commission mplied with except as noted above and that gathering agent is authorized to transport e of oil produced from the above described property and that this authorization will further notice to the transporter named herein or until cancelled by the Oil Conser- ission of New Mexico. this the 23rd day of February 194.9 (Company, Incorporated Shell Oil Company, Incorporated (Company or Operator) By Frank R. Lovering Title District Superintendent New Mexico the undersigned authority, on this day personally appeared Frank R. Lovering to be the person whose name is subscribed to the above instrument, who being by me oath states that he is authorized to make this report and has knowledge of the facts and that said report is true and correct.
The under have been cont the percentag be valid until vation Commin Executed State of County of Before m known to me duly sworn on stated herein	porter, which was in error. ersigned certifies that the rules and regulations of the Oil Conservation Commission mplied with except as noted above and that gathering agent is authorized to transport e of oil produced from the above described property and that this authorization will further notice to the transporter named herein or until cancelled by the Oil Conser- ission of New Mexico. this the 23rd day of February 194.9 Shell Oil Company. Incorporated (Company or Operator) By Frank R. Lovering Title District Superintendent New Mexico the undersigned authority, on this day personally appeared Frank R. Lovering to be the person whose name is subscribed to the above instrument, who being by me oath states that he is authorized to make this report and has knowledge of the facts
The undo have been con the percentag be valid until vation Commi Executed State of County of Before m known to me duly sworn on stated herein Subscribe	porter, which was in error. ersigned certifies that the rules and regulations of the Oil Conservation Commission mplied with except as noted above and that gathering agent is authorized to transport e of oil produced from the above described property and that this authorization will further notice to the transporter named herein or until cancelled by the Oil Conser- ission of New Mexico. this the 23rd day of February , 194.9 Shell Oil Commany. Incorporated (Commany or Oberator) By Frank R. Lovering Title District Superintendent New Mexico the undersigned authority, on this day personally appeared Frank R. Lovering to be the person whose name is subscribed to the above instrument, who being by me oath states that he is authorized to make this report and has knowledge of the facts and that said report is true and correct. By Commission the present to before me, this the 27d day of February 194.9 By Commission the present to before me, this the 27d day of the facts By Commission the present to before me, this the 27d day of February 194.9 By Commission the present to before me, this the 27d day of February 194.9 By Commission the present to before me, this the 27d day of February 194.9 By Commission the present to be the person whose here the subscribed to the above instrument, who being by me oath states that he is authorized to make this report and has knowledge of the facts and that said report is true and correct. By Commission the present to before me, this the 27d day of February 194.9 By Commission the present to the state the the state the state the the state the state the the state the state the state the state the state the state the the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state the state th
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MUDDING AND CEMENTING RECORD SIZE OF CASING NO. SAOKS OF CEMENT SIZE OF HOLR WHERE SET METHODS USED MUD GRAVITY AMOUNT OF MUD USED 11" <u>B 5/8</u><sup>M</sup> 3651 350 Pump & plug 10.0 77/8 51/2 11.0 33751 850 Pump & plug PLUGS AND ADAPTERS Length\_\_\_\_\_ Depth Set\_\_\_\_\_ Heaving plug-Material Adapters --- Material Size.... RECORD OF SHOOTING OR CHEMICAL TREATMENT EXPLOSIVE OR CHEMICAL USED DEPTH SHOT OR TREATED SIZE SHELL USED QUANTITY DATE DEPTH CLEANED OUT DODE Results of shooting or chemical treatment....... **RECORD OF DRILL-STEM AND SPECIAL TESTS** If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto. TOOLS USED Rotary tools were used from \_\_\_\_\_\_\_ feet to \_\_\_\_\_\_\_feet, and from \_\_\_\_\_\_\_feet to \_\_\_\_\_\_ feet Cable tools were used from \_\_\_\_\_\_feet to \_\_\_\_\_feet, and from \_\_\_\_\_\_feet to \_\_\_\_\_\_ .fee PRODUCTION 19.49 Put to producing.... Put to producing \_\_\_\_\_\_ 2-13-49 (21 hrs.) The production prime next 22 mm was 73.11 \_\_\_\_\_\_ barrels of fluid of which \_\_\_\_\_81.8 \_\_% was oil; \_\_\_\_\_% - 36.2 mm for a starting for the API 34.8 deg. emulsion; \_\_\_\_\_% water; and \_\_\_\_16.2 % zociment. Gravity, ze API 34.8 deg. If gas well, cu. it. per 24 hours\_\_\_\_\_\_Gallons gasoline per 1,000 cu. it. of gas\_\_\_\_\_ Rock pressure, lbs. per sq. in..... G.O.R. = 1670 EMPLOYEES B. L. Simmers, Sr. Driller <u>M. L. Yow</u>, Driller Driller G. B. Young Driller J. L. Mahan J. A. Arnold FORMATION RECORD ON OTHER SIDE I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records. Hobbs, New Mexico February 17, 1949 Name Frank R. Lovering 19,49 February day of. Position\_District\_Superintendent une h . Name Representing Shell Oil Company, Incorporated Notary Public Company or Operator My Commission Expires Sept. 16, 1950 Address\_Box 1457\_Hobbs, New Mexico. My Commission expires\_ ·····

Form C-110 **OIL CONSERVATION COMMISSION** STATE OF NEW MEXICO CERTIFICATE OF COMPLIANCE AND AUTHORIZATION Company or Operator Shell 011 Company, Incorporatedease State Address Box 1457 Hobbs, New Mexico Box 1509 Midland, Texas (Local or Field Office) (Principal Place of Business) Unit\_H\_\_\_ Wells No.24\_ Sec\_36\_ T24S\_\_ R36E Field Langlie-Mattix\_\_\_ County\_ Lea Location of Tanks Center of lease. Kind of Lease State Address of Transporter Box 486 Hobbs, New Mexico Transporter Shell Pipe Line Corp. 🖓 (Local or Field Office) 👌 WSTRUCTONS' Houston, Tezas (Principal Place of Business), Percent of oil to be transported 100. Other transporters author-ized to transport oil from this unit are interview in the subject of the su REMARKS: in distinuition atterrises () die oktivi fanlatst reigis swi mekterni. NEW COMPLETION: Allowable to date from 2-6-49. The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentage of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico. Executed this the 17th day of February 194.9 Se bestehlin - (Company or Operator) withing the By Frank R. Lovering the state of the s An its of constraint of sectors with sectors
 1.886. Constraint constraints with the State of \_\_\_New\_Merico. Before me, the undersigned authority, on this day personally appeared Frank R. Lovering known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report it true and correct. February\_ Subscribed and sworn to before me, this the day of Notary Public in and for Lea County, 194 Z Approved: \_ OIL CONSERVATION COMMISSION By Oll. D. Wankry

<u><u><u></u></u></u> Form C-108 OIL CONSERVATION COMMISSION Santa Fe, New Mexico MISCELLANEOUS REPORTS ON WELL Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of vasing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission. Indicate nature of report by checking below. REPORT ON BEGINNING DRILLING OPERA-TIONS **REPORT ON REPAIRING WELL** REPORT ON RESULT OF SHOOTING OR CHEM-ICAL TREATMENT OF WELL REPORT ON PULLING OR OTHERWISE ALTERING CASING REPORT ON RESULT OF TEST OF CASING . . . . REPORT ON DEEPENING WELL **X**:: SHUT-OFF **REPORT ON RESULT OF PLUGGING OF** WELL - 1949 Hobbs, New Merico Jamary 31. Date Place OIL CONSERVATION COMMISSION, SANTA FE, NEW MEXICO Gentlemen: Following is a report on the work done and the results obtained under the heading noted above at the Shell Oil Company, Incorporated State Well No.\_\_2-A in the Company or Operator Lease . NE/4 36 <u>24-5</u> <u>-36-E</u> R · T. \_, N. M. P. M., of Sec. Langlie-Mattix Lea \_Field, \_ County\_ 1-29-49 The dates of this work were as follows:\_ 1-27-49 Notice of intention to do the work was (xxxxxxxx) submitted on Form C-102 on\_\_\_\_ and approval of the proposed plan was (wna.not) obtained. (Cross out incorrect words.) DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED After W.O.C. 48 hours, tested 5 1/2-inch casing with 1000 p.s.i. for 30 minutes. Held OK. Top of cement behing 5 1/2-inch casing at 900 feet, by stress strain measurement. Shell Oil Company, Incorporated Production Foreman Witnessed by J. K. Pevehouse Company Title Name I hereby swear or affirm that the information given above is true and correct. Subscribed and sworn before me this 31st ( toverin Name Frank R. Lovering \_\_\_<u>19</u>\_\_\_\_ Jamary day of Position District Superintendent Ma Representing Shell Oil Company, Incorporated Notary Public Company or Operator My commission expires My Commission Expires Sept. 16, 19504 Address Box 1457 Hobbs, New Mexico Remarks: APPROVED Title

Form C-102 JAN 2 8 1940 NEW EXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO MISCELLANEOUS NOTICES Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered, advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission. . 1 Indicate nature of notice by checking below: NOTICE OF INTENTION TO TEST CASING SHUT-OFF NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL X • • • NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING NOTICE OF INTENTION TO CHANGE PLANS NOTICE OF INTENTION TO REPAIR WELL NOTICE OF INTENTION TO PLUG WELL NOTICE OF INTENTION TO DEEPEN WELL ..... Hobbs. New Mexico January 27. 1949 Place OIL CONSERVATION COMMISSION, Santa Fe, New Mexico. Gentlemen: Following is a notice of intention to do certain work as described below at the State Shell Oil Company, Incorporated .Well No.\_2-A NE/4in **Company or Operator** Lease 36-36 -E N. M. P. M., Langlie-Mattix of Sec. . **T**. R Field Les County. FULL DETAILS OF PROPOSED PLAN OF WORK FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION Ran 5 1/2-inch casing to 3375 feet and cemented with 850 sacks. Plug down at 8:15 a.m. 1-26-49. After W.O.C. 48 hours will test casing. JAN 2 8 1949 Company, Incorporated Shell 011 19 Approved except as follows: Company <u>от</u> О 7 Frank R. Lovering By \_ Position District Superintendent Send communications regarding well to Name Shell Oil Company, Incorporated OIL CONSERVATION COMMISSION, Address Box 1457 Hobbs, New Mexico

JAN 1 2 1949 Form C-108 *QIL CONSERVATION COMMISSION* Santa Fe, New Mexico MISCELLANEOUS REPORTS ON Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling opera tions, results of shooting well, results of test of tasing snut on, second on minor operations need not and tions, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not a signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission. Indicate nature of report by checking below. TNEW MEXICO. REPORT ON BEGINNING DRILLING OPERA-TIONS എ REPORT ON REPAIRING WEAK nn ni THERWISE REPORT ON RESULT OF SHOOTING OR CHEM-ICAL TREATMENT OF WELL REPORT ON PULLING OR Q ALTERING CASING REPORT ON RESULT OF TEST OF CASING REPORT ON DEEPENING WELL SHUT-OFF X REPORT ON RESULT OF PLUGGING OF WELL Hobbs, New Mexico January 6, 1949 Date · Place OIL CONSERVATION COMMISSION, SANTA FE, NEW MEXICO Gentlemen : Following is a report on the work done and the results obtained under the heading noted above at the\_ Shell Oil Company, Incorporated State 2-A \_Well No\_\_\_\_ in the Company or Operator Lease 36 NE/4 <u>24-5</u> 36-E of Sec ., N. M. P. M., Langlie-Mattix Lea Field. \_ County. 1-4-49 The dates of this work were as follows:\_\_ Notice of intention to do the work was (margaret) submitted on Form C-102 on 1-4-49 19. and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.) DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED Tested 8 5/8-inch casing with 800 p.s.i. water pressure for 30 minutes. Held Drilled plug and tested cement job with 500 p.s.i. for 30 minutes. Held OK. OK. Shell 011 Company, Incorporated Production Foreman J. K. Pevehouse Witnessed by\_ Name Company Title I hereby swear or affirm that the information given above is true and correct. Frank Covering 6th Subscribed and sworn before me this\_ Ц́в ( \_ 19 49 Name Frank R. January Lovering day of Position District Superintendent Representing Shell Oil Company, Incorporated Notary Public Company or Operator My commission expiredly Commission Expires Sept. 16, 1950 Address Box 1457 Hobbs, New Mexico (104 yarhrould A das INS Manspir Remarks: APPROVED JAN 1 2 1949 Date. Title

Form C-102 EXICO OIL CONSERVATION COM SANTA FE, NEW MEXICO Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed CR and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission. SAWTA EE NEW MEXICO. NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL NOTICE OF INTENTION TO TEST CASING SHUT-OFF X NOTICE OF INTENTION TO PUL 1940 NOTICE OF INTENTION TO CHANGE PLANS П OTHERWISE ALTER CASING NOTICE OF INTENTION TO PLUG WELL NOTICE OF INTENTION TO REPAIR WELL NOTICE OF INTENTION TO DEEPEN WELL 42 . . .194**9** Hobbs, New Mexico January Place Date OIL CONSERVATION COMMISSION, Santa Fe, New Mexico. Gentlemen: Following is a notice of intention to do certain work as described below at the State NE /4 Shell Oil Company, Incorporated 2-4 Well No in Lease **Company** or Operator Langlie-Mattix 24-S 36 D. 36 N. M. P. M. Field . T of Sec. Lea County. FULL DETAILS OF PROPOSED PLAN OF WORK FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION Ran 8 5/8-inch casing to 365.14 feet and cemented with 350 sacks regular cement. Circulated out estimated 200 sacks. Plug down 5:30 p.m. 1-3-49. After W.O.C. 24 hours will test casing and water shut-off. Shell Oil Company, Incorporated Approved JAH 1 1 1949 Company or Operator except as follows: By Frank R. Lovering Co District Superintendent Position Send communications regarding well to Name Shell Oil Company, Incorporated OIL CONSERVATION COMMISSION Address Box 1457 Hobbs, New Mexico 532845P Title

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ENTROPY       INTROPY	EFORT ON RESULT OF TEST OF CASING       REPORT ON DEEPENING WELL         January 4, 1949       Hobbs, New Mexico         IL CONSERVATION COMMISSION, ANTA FE, NEW MEXICO       Date       Place         officence:       Company of Operator       State       Well No. 2-A       is the         company of Operator       Lease       Well No. 2-A       is the         company of Operator       Lease       County.         bedtes of intention to do the work wase (was not) obtained. (Cross out incorrect words.)       DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED         Spudded 12:30 a.m. 1-3-49.       Iberby swear or affirm that the information given above is true or stilling of the structure of the	EPORT ON RESULT OF SHOOTING OR CHEM-	REPORT ON PULLING OR OTHERWISE
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Date     Flace       ANTA FE, NEW MEXICO Sentimen:     Date     Flace       MILL CONSERVATION COMMISSION, ANTA FE, NEW MEXICO Sentimen:     Date     Flace       March FE, NEW MEXICO Sentimen:     Incorporated     State     Well No. 2-A     in the       March IC-Mattix     Incorporated     State     Well No. 2-A     in the       Company or Operator     Lease     Well No. 2-A     in the       NE/4     of Sec. 36     T. 24-S     R. 36-E     N.M.P.M.,       And dess of this work were as follows:     1-3-49     County.     County.       The dates of this work was as follows:     1-3-49     10-49     od approval of the proposed plan was (was not) obtained. (Cross ont incorrect words.)       DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED     Spndded 12:30 a.m. 1-3-49.     10-49       Name     Company     This     This       Subscribed and sworn before me this bth     I bereby swear or affirm that the information given above is true and correct for the struct of the proporated Company     This       day of     JERUARY     19-49     Name Frank R. Lovering     Position District Superintendent       My commission expires     Address     Box 14:57     Hobbs, New Nexico       My commission expires     Address     Box 14:57     Hobbs, Nexe	LI CONSERVATION COMMISSION, ANTA FE, NEW MEXICO entitemen: ollowing is a report on the work done and the results obtained under the heading noted above at the hell Oll Company or Operator Company or Operator NEMA Sec 36 T. 24-5 R. 36-E N. M. P. M., held the Company or Operator NEMA the dates of this work were as follows: 1-3-19 otice of intention to do the work was (was not) obtained. (Cross out incorrect words.) DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED Spudded 12:30 a.m. 1-3-19. Subscribed and sworn before me this 4th I hereby swear of affirm that the information given above is true and correct. My commission expires. Name Frank R. Lovering This Notary Pablic Representing Sholl 01 Company. Incorporated Name Frank R. Lovering This My commission expires. Address Box 1457 Hobbs, New Mexico Name New Mexico Magnetics of the spire	EPORT ON RESULT OF PLUGGING OF WELL	
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hell 011 Company, Incorporated       State       Well No. 2-A in the Company or Operator         NE/4       of Sec. 36       T. 24-5       R. 36-E       N. M. P. M., emplie-Mattix         Nemplie-Mattix       Field,       Lease       County.         The dates of this work were as follows:       1-3-49       County.         Totice of intention to do the work was (was not) obtained. (Cross out incorrect words.)       DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED         Spudded 12:30 a.m., 1-3-49.       State       Iberopy swear or affirm that the information given above is true and correct.         Subscribed and sworn before me this.       4th       Is true and correct.         Mame       Is true and correct.       State         Position District Superintendent       Name Frank R. Lovering         Notary Public       Representing       Shell 011 Company or Operator         My commission expires       Address       Box 1457       Horizon         Date       Date       This       The fast Is prove	hell 011 Company, Incorporated       State       Well No. 2-A in the Company or Operator         Company or Operator       Lease       R. 36-E N. M. P. M., anglie-Mattix       Field,       Lease         RE/4       of Sec. 36 , T. 24-S , R. 36-E N. M. P. M., anglie-Mattix       Field,       Lease       County.         he dates of this work were as follows:       1-3-49       County.       County.         be dates of this work were as follows:       1-3-49       County.       County.         otice of intention to do the work was (was not) obtained. (Cross out incorrect words.)       DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED       Spudded 12:30 a.m., 1-3-49.         itnessed by       J. K. Perehouse       Shell 011 Company. Incorporated Production Foreman Company       Title         subscribed and sworn before me this 4th       I bereby swear or affirm that the information given above is true and correct.       Subscribed and sworn before me this 4th       I bereby swear or affirm that the information given above is true and correct.         day of       JEnuary       19 49       Name       Frank R. Lovering       Production         My commission expires       Address       Box 14:57       Horbs, New Mexico         My commission expires       Address       Box 14:57       Horbs, New Mexico         Market       Date       Title       Title <td>ANTA FE, NEW MEXICO entlemen:</td> <td></td>	ANTA FE, NEW MEXICO entlemen:	
anglie-Mattix       Field,       Les       County.         The dates of this work were as follows:       1-3-49       1010       1-3       1949         Notice of intention to do the work was (was not) obtained. (Cross out incorrect words.)       1-3       1949         DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED       Spudded 12:30 a.m., 1-3-49.       Incorporated       Froduction Foreman         Name       Company       Title       Title       Title         Subscribed and sworn before me this       4th       I hereby swear or affirm that the information given above is true and correct.       Foreman         day of       JENUARY       19.49       Name       Frenk B. Lovering         Notary Public       Representing       Shell 011 Company, Incorporated Company, Incorporated Company       Title         Notary Public       I hereby swear or affirm that the information given above is true and correct.       Frenk B. Lovering       Position District Superintendent         May commission expires       Address       Box 1457       Hobbs, New Mexico         May commission expires       Address       Box 1457       Hobbs, New Mexico         Mate       Date       Title       Name       Title	anglie-Mattix Field, Lee County. he dates of this work were as follows: 1-3-49 otice of intention to do the work was (was not) obtained. (Cross out incorrect words.) DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED Spudded 12:30 a.m. 1-3-49. itnessed by J. K. Pevehouse Shell 011 Company, Incorporated Production Foreman Name Company Title Subscribed and sworn before me this 4th is true and correct. More is true and correct More is true and correct More is true and correct More Marked Market Ma	hell Oil Company, Incorporated Stat Company or Operator	teWell No. 2-Ain the
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DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED Spudded 12:30 a.m. 1-3-49.	DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED Spudded 12:30 a.m. 1-3-49.  itnessed by J. K. Pevehouse Shell 011 Company, Incorporated Production Foreman Name Company Title Subscribed and sworn before me this 4th I bereby swear or affirm that the information given above is true and correct Jerrary July Name Frank R. Lovaring Position District Superintendent Notary Public Representing Shell 011 Company, Incorporated Company or Operator My commission expires Address Box 1457 Hobbs, New Mexico Name Hardward Address Dox 1457 Hobbs, New Mexico Name Name Name Name Name Name Name Name		
Subscribed and sworn before me this 4th       Istrate for a company       Incorporated Production Foreman         Subscribed and sworn before me this 4th       Istrate and correct.       Istrate for an end correct.         day of       JENUARY       19.49       Name       Frank R. Lovering         Notary Public       Representing       Shell 011 Company.       Incorporated for me this 4th         My commission expires       Address       Box 1457       Hobbs, New Mexico         My commission expires       Address       Box 1457       Hobbs, New Mexico         Market       Address       Box 1457       Hobbs, New Mexico         Market       Address       Box 1457       Hobbs, New Mexico         Market       Market       Market       Market         State       Address       Box 1457       Hobbs, New Mexico         Market       Market       Market       Market         Shell       Address       Box 1457       Hobbs, New Mexico         Market       Market       Market       Market       Market         Shell       Address       Box 1457       Hobbs, New Mexico         Market       Market       Market       Market       Market         State       Market       Market       M	itnessed by J. E. Pevehouse Shell Oil Company. Incorporated Production Foreman Name Company Title          Name       Company       Title         Subscribed and sworn before me this 4th       I hereby swear or affirm that the information given above is true and correct. Frank B. Lovering       Detemperation         day of       JENUARY       19 49       Name       Frank R. Lovering       Detemperated         Notary Public       Notary Public       Representing       Shell 011 Company. Incorporated         My commission expires       Address       Box 1457       Hobbs, New Mexico         marks:       APPROVED       Image: Shell of Gas 1957-910       Name		
Name     Company     Title       Subscribed and sworn before me this 4th     I hereby swear or affirm that the information given above is true and correct. In a forking       day of     January     19 49       Name     Frank R. Lovering       Position     District Superintendent       Notary Public     Representing     Shell 011 Company, Incorporated Company or Operator       My commission expires     Address     Box 1457     Hobbs, New Mexico       My commission     ApproVED     Mame     Mame       Date     Date     Title	Name     Company     Title       Subscribed and sworn before me this 4th     I hereby swear or affirm that the information given above is true and correct.     I hereby swear or affirm that the information given above is true and correct.       day of     Jenuary     19 49     Name     Frenk R. Lovering       Position District Superintendent     Position District Superintendent     Position District Superintendent       Notary Public     Representing     Shell 0il Company, Incorporated Company or Operator       My commission expires     Address     Box 1457     Hobbs, New Mexico       emarks:     APPROVED     Name     Name       Date     Date     Title	- Spudded 12:30 a.m. 1-3-49.	
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Position       District Superintendent         Notary Public       Representing       Shell Oil Company, Incorporated Company or Operator         My commission expires       Address       Box 1457       Hobbs, New Mexico         emarks:       APPROVED       Image: Name       Name         Date       Title       Title	Position       District Superintendent         Notary Public       Representing       Shell Oil Company, Incorporated Company or Operator         My commission expires       Address       Box 1457       Hobbs, New Mexico         emarks:       APPROVED       Image: Name       Name         Date       Title       Title		Company Title
My commission expires       Address       Box 1457       Hobbs, New Mexico         emarks:       APPROVED       Implementation         Date       Title	My commission expires Address Box 1457 Hobbs, New Mexico marks: APPROVED	Name Subscribed and sworn before me this 4th	Company Title I hereby swear or affirm that the information given above is true and correct. Frank foreing
My commission expires Address Box 1457 Hobbs, New Mexico emarks: APPROVED	My commission expires Address Box 1457 Hobbs, New Mexico marks: APPROVED Address Box 1457 Hobbs, New Mexico Address	Name Subscribed and sworn before me this 4th	Company Title I hereby swear or affirm that the information given above is true and correct. Frank Toreing Name Frank R. Lovering
Date	Date	Name Subscribed and sworn before me this 4th day of January 1949	Company Title I hereby swear or affirm that the information given above is true and correct. Frank Toreing Name Frank R. Lovering Position District Superintendent Representing Shell Oil Company, Incorporated
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		Name Subscribed and sworn before me this 4th day of Jenuary 1949 Notary Public My commission expires	Company Title I hereby swear or affirm that the information given above is true and correct. Frank R. Lovering Name Frank R. Lovering Position District Superintendent Representing Shell Oil Company, Incorporated Company or Operator Address Box 1457 Hobbs, New Mexico

Form C-101	NEW MEXICO	OIL CONSERV	ATTON COL	MISSION	• • •
FINIMIN	f f 📥				in a
		Sant <b>a Fe, New</b>	Mexico		JAN
Notice must be given to	- NOTICI	E OF INTENTIO	ON TO DRII	L //	JAN,
Notice must be given to begins. If changes in the	the Oil Conservat	ion Commission or a considered advisable	its proper agent	and approval obtains	ined before drilling
returned to the sender. S instructions in Rules and	Submit this notice	in triplicate. One c	opy will be retur	ned following appro	
ff By which had	New Yord of		e si stato	ha finn en s	1949 FICE
Hobbs, OIL CONSERVATION CO Santa Fe, New Mexico,	New Mexico	Pia		January 5	Date
OIL CONSERVATION CO Santa Fe, New Mexico,	MMISSION,	GARNA (AMERICA) Marenza (Merica)		్ శామువారు ఉద్దారి. గార్జన్ స్మీ గురాణాలు	nga para salahara di sala. Selah di karihiratihi di sa
Gentlemen:				C. S. Lozanti	AL IFAN CREE
You are hereby r	otified that it is o	ur intention to con	mence the drilli	ng of a well to be	known as
Shell Oil Company,	Incorporated	State	W	ell No. 2-A	inNE/4
of Sec. 36 T	24-S p 36-E	, N. M., P. M.J.		X Field Lea	County
N	•	1980 feet (			
	(Et (W.)	of the east	line of Sec. 3	6 T 24-S, R 30	5E
	(Give	location from section	on or other lega	l subdivision lines.	Cross out wrong OIL CONSERVATION CON SAINTA FE NEW AIE CONSERVATION CON
╷┠╍┼╍┼╌┞╺╀╶┨╵	If state lan	d the oil and gas le	ase is No. B-1	167 Assignment	No CONSEDU
Sec. 36	If patented	land the owner is			No SAINTA FE AVEN AND ANTA FE AVEN ANTA FE A
	Address	· · · ·			I PIN ME
	If governm	ent land the permi	ttee is		
	Address				1949 1949
	The lessee in	Shell 011 C	_		
ABEA 640 ACRES	Address		•		
LOCATE WELL COBBECTLY		to drill well with di	rilling equipment	as follows:	
-	ntional rotar				
The status of a bond for		-	e sy or the Ge	neral kules and H	legulations of the
Commission is as follows: We propose to use the follo			cement them as	indicated:	
Size of Size of Hole Casing	Weight Per Foot	New or Becord Hand	Depth	Landed or Cemented	Encks Coment

Bize of Hole	Bise of Casing	Weight Per Foot	New or Becond Hand	Depth	Landed or Cemented	Cement
11"	8 5/8"	32.0 <del>1</del>	New	3601	cemented	300 sacks
7 7/8"	5 1 <b>/</b> 2 <b>"</b>	15 <b>.5#</b>	Nev	33751	cemented	850 sacks

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about <u>3375</u> feet. Additional information:

See reverse side.

WY CLASS

. JAN 1 1 1949 19-Approved\_ except as follows:

Sincerely yours,

Shell Oil Company, Incorporated Company or Operator Frank R. Lovering By\_ Position\_District Superintendent Send communications regarding well to Name\_Shell Oil Company, Incorporated Address Box 1457 Hobbs, New Mexico

oil conservation commission, 1.14

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This well will be drilled with same type mud and under same conditions as Shell State No. 1, (a direct south offset), in which well, cement reached top of salt as determined by temperature and caliper surveys, using 100 sacks less cement than specified above. If hole conditions differ, the Commission will be notified. This well is located 75 feet west of Shell State No. 2 which was J & A 1-1-49. Shell State No. 2 (TD 628') will be tested for water production and if not converted to a water well, will be properly P & A as soon as drilling of State 2-A is complete.

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

(915) 684-4011

November 12, 1982

To all Off-setting Jalmat Gas Owners Langlie "A" State No. 3 SE/4 NE/4 and NE/4 SE/4 Section 36, T-24-S, R-36-E Lea County, New Mexico

We respectfully request your approval of the following application to the New Mexico Oil Conservation Division:

 Simultaneous dedication of the 80 acres consisting of SE/4 NE/4 and NE/4 SE/4 Section 36, T-24-S, R-36-E, Lea County, New Mexico to our presently existing Langlie "A" State No. 2 Jalmat Gas Well and and the soon to be drilled Langlie "A" State No. 3.
 The drilling of the Langlie "A" State No. 3 at an unorthodox Jalmat gas location consisting of 1980' FSL and 330' FEL of Section 36.

This letter is also your notice of our intention to qualify the proposed Langlie "A" State No. 3 as a Section 103 (Infill) Jalmat Gas Well.

Please designate your approval of the above by signing (1) one copy of this request and returning it in the enclosed stamped self-addressed envelope at your earliest convenience. The other copy of this letter is to be retained for your files.

Thank you for your cooperation in this matter.

Very truly yours, Doyle Hartman, Oil Operator

, 1982

Fam, G. Himm

Larry A. Nermyr Engineer

Agreed to this	day of
The First National Bank of	E Fort Worth, Texas
Ву	
Title	
Sun-Texas	

By \_\_\_\_ Title

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Langlie "A" November 12, Page 2	State 1982	No.	3 -	Offsett	ting	Jalmat	Gas	Owners
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Getty Oil Company
Ву
Title
Convest Energy Corporation By
Title
Phillips Petroleum Company
Ву
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