OIL CONSERVATION DIVISION  DITTRIBUTION  P. O. BOX 2088  SANTA FE, NEW MEXICO 87501	Form C-103 Revised 10-1-7
U.S.G.S.	State State Oil 6 Gas Lease No.
OPERATOR	LG 6557
SUNDRY NOTICES AND REPORTS ON WELLS  HO HOT DEE THIS FORM-FOR PROPOSALS TO DRILL OF TO DEEPEN OF PLUG BACK TO'A DIFFERENT RESERVOIR.  USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	
TL GAS THER-	7. Unit Agreement Name
ne of Operator Lobo Production	8. Farm or Lease liame
Ireas of Operator	Libra 9. Well No.
PO Box 2364 Farmington, NM 87499	1
ection of Well	10. Pield and Pool, or Widcat
HIT LETTER C 800 PEET PROM THE NORTH LINE AND 1800 PEET PROM	Wildcat Gallup/Basin Dako
West LINE, SECTION 16 TOWNSHIP 32N MARKE 13W NAPPE	
15. Elevation (Show whether DF, RT, GR, etc.) 6131 GR	12. County San Juan
Check Appropriate Box To Indicate Nature of Notice, Report or Ot	has David
OTMER Pull Bridge Plug	
scribe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including vk) SEE RULE 1703.	estimated date of starting any proposed
5-2-84 Pulled Rods and Pump 5-3-84 to 5-7-84 Cleaned out sand 5-8-84 Pulled Bridge Plug and tubing 5-9-84 Ran in hole with 111 joints of 1 1/4 " tubing and landed at rigged well for production Well shut in a waiting pipe line connection.	3450'
BEFORE EXA	AMINER STOGNER
OIL CONSER	VATION DIVISION HIBIT NO. 19
CASE NO.	76(

C Indi Signed by FRANK I. CHA/EZ

TITLE OPERATOR 9 873. 1 4 3

OPERATOR OF APPROVAL, IF ANY:

## STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

0167 R IN UT 104	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER OIL	
- OA	•
OPERATOR	
PROBATION OFFICE	

## OIL CONSERVATION DIVISION F. O. BOX 2088 SANTA FE, NEW MEXICO 87501:

Form C-104 Revised 10-01-78 Format 06-01-83 Page 1

## REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS.

Lobo Production					
deres	————————————————————————————————————	<del></del>	<del></del>	· · · · · · · · · · · · · · · · · · ·	1,47
PO Box 2364	Farmington, NM 87	499		•	*
eeson(s) for filing (Check proper box)			Other (Plea	se explain)	<del></del>
New Well	Change in Transporter of:				
Recompletion	<u> </u>	Dry Co	18-	· · · · · · · · · · · · · · · · · · ·	<u>ي</u>
Change in Ownership	Casinghood Gas	Conde	LEGIO .		
change of ownership give name					
d address of previous owner					<del></del>
DESCRIPTION OF WELL AND					* .
sess Name	Well No. Pool Name, Incl.	uding Forma	tion	Kind of Lease	Lease No
Libra	1 BAsin	Dakota		State, Federal or Fee Sta	te LG6557
ocation		_		,	
Unit Letter C : 810	Feet From The Nort	h Line and	1800	Feet From The West	
14 -		10**		i'	•
Line of Section 16 Town	nship <u>32N</u> Rom	•• 13W	, NMP	w, San Juan	County
L DESIGNATION OF TRANSP	OPTED OF OIL AND MAT	PTIDAT CA	c	•	
ome of Authorized Transporter of QII				to which approved copy of this	t form is to be sent)
Giant Refinery		P	O Box 256	Farmington, New Mo	exico 87499
ame of Authorized Transporter of Cast	Inghead Gas 🔲 or Dry Gas 🗀	X) Add		to which approved copy of this	
Northwest Pipeline	102			Salt Lake City Utal	h 84108
well produces oil or liquids,		ige. Is c	as actually connec		
ve location of tanks.	C 16 32N	13W	no	November 1	5, 1984
his production is commingled with	that from any other lease or	pool, give	commingling orde	r number: DHC 483	
TE: Complete Parts IV and V	on reverse side if necessary.				•
•		11	0" 6	CHOCOL ATION TO US	
CERTIFICATE OF COMPLIAN	(CE		الله ل	CONSERVATION DIVISI	
reby certify that the rules and regulation	as of the Oil Conservation Division	n have A	PROVED	NOVIC1 :	1984
n complied with and that the information	given is true and complete to the b	best of	0-	iginal Signed by FRANK T. C	H1 177
knowledge and belief.		81	/ <u>Ur</u>		
•		- I +ı	TLE	SUPERVISOR DISTRIC	江 # 3
	The same same and				
The second second	59			p be filed in compliance wit uset for allowable for a new	
(Signation	A COLUMN	we	il, this form mus	t be accompanied by a tabu	lation of the deviation
Operator	<del></del>			well in accordance with my	
(Title,	:	- abi	All sections of le on new and re	this form must be filled out completed wells.	r completely for ellos
10-31-84	<del> </del>	-	Fill out only	Sections I, II, III, and VI	for changes of owner
(Date)	)	we	Il name or number	r, or transporter, or other suc	th change of condition
		Cor	Separate Forms	s C-104 must be filled for	each pool in multipl



### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

	174	1	
DISTRIBUTI	0×		1
SAMTA PE			
FILE			
U.S.G.A.			
LAND OFFICE			
TRAMEPORTER	OIL		
	SAS		
OPERATOR			
-	HC E		

## OIL CONSERVATION DIVISION F. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-104 Revised 10-01-78 Format 06-01-83 Page 1

## REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

·			1.5
Lobo Production		10/10	27 27 30
\ddress		<del></del>	
PO Box 2364 Farmington, NM 87499		Service and the service and th	`/.
(reson(s) for filing (Check proper box)	Other (Please	e explain)	
New Well Change in Transporter of:	į	•	
	bry Gas		
Chasge in Ownership Casinghood Gas C	condensate		
change of ownership give name d address of previous owner			
DESCRIPTION OF WELL AND LEAD		·	
DESCRIPTION OF WELL AND LEASE  WELL NO.   Pool Name, Including F	ormation	Kind of Lease	
Libra 1 Wildcat Gal	1115	State, Federal or Fee State	LG6557
ocution	- UU	State	1600077
Unit Letter C : 810 Feet From The North Lin	1800	Foot From The West	
Line of Section 16 Township 32N Range	13W , мири	. San Juan	County
/ Drescas Attobi or the Asienopember of our Asia Statember			
DESIGNATION OF TRANSPORTER OF OIL AND NATURAL OF OIL AND NATURAL OF CONSERVED TO OF CONSERVED	, GAS   Address (Give address )	o which approved capy of this form is	to be sent
Giant Refinery	1	** ** ** **	,
ame of Authorized Transporter of Casinghead Gas or Dry Gas X	Address (Give Idress :	armington, New Mexico which approved copy of this form is	to be sent)
Northwest Pipeline (OR)	PO Bxo 8900 S	Salt Lake City Utah 841	.08
well produces oil or liquids. Unif Sec. Twp. Rgs.	Is gas actually connecte	rd? When	
ve location of tanks. C 16 32N 13W	no	November 15, 19	84
his production is commingled with that from any other lease or pool,	give commingling order	number: DHC 483	
TE: Complete Parts IV and V on reverse side if necessary.			
CERTIFICATE OF COMPLIANCE	םוג כנ	ONSERVATION DIVISION	
		DOV 6   1984	
reby certify that the rules and regulations of the Oil Conservation Division have a complied with and that the information given is true and complete to the best of	APPROVED		, 19
knowledge and belief.	Drig Orig	inal Signed by FRANK I. CHAYEZ	
	TITLE	SUPERVISOR DISTRICT # 3	
J. B. Carl	This form is to	be filed in compliance with RUL	
il There was a second	4 .	est for allowable for a newly dril	
(Signature)	well, this form must	be accompanied by a tabulation will in accordance with RULE !!	of the deviation
Operator		his form must be filled out compl	
(Tule) 10-31-84	able on new and rec	ompleted wells.	•
(Date)		ections I. II. III. and VI for cha or transporter, or other such chan	
:	Separate Forms	C-104 must be filled for each p	•
, , , , , , , , , , , , , , , , , , ,	completed wells.		

(3)

GY AND MINERA							/ 					ised 10-1-78
	1468		OIL			ATION	DIV	ISION		Sa. In	dicate	Type of Lease
DISTRIBUTIO	N					X 2088		7001		St	tate 🖔	F ** _
SANTA FE	<del></del>		SA	NTAF	E, NE	N MEXIC	Ċ 8	7501		S. Sto	110 011	& Gas Lease No.
U. S. G. S.		<del></del>	ELL COMPL	ETION C	0000	OUDI ETI	nn c	PEDODT.	4 NID 1 /		G 655	57
LANG OFFICE		— "	TELL COMPL	ETION	IK KEC	OMPLLI	) I T	(1) (1)	-110 6		////	
PERATOR									3,275	_////	7777	777777777777
PE OF WELL					_	1		Fr 17 11 11	$\ll \tilde{N}$	/: Un	It Agree	ement Name
YPE OF COMPLI	FTION	WEL	L GAS	دلكا	DRY	OTHER	<u> </u>	11	11 ed	9 50	-m or 1	ease Name
	RK .		PLU6		ESVA.	الليال و	1		-		ibra	
me of Operator	<u> </u>	DEEPE	AC1	<u> </u>	CSVA.	COTHER	<del></del>		· ·	9. We		· · · · · · · · · · · · · · · · · · ·
Lobo	Produ	ction									1	
iress of Operator	Produ	CLIOII							<del></del>	10. F	ield and	d Pool, or Wildcat
PO Bo	x 2364	F	armington,	NM 874	99	-			i	W±	1dcat	t Gallup
ation of Well				<del></del>							IIII	
								1000				
CTTER C	LOCA	7ED	810 PEET	FROM THE $^{ m N}$	orth	LINE AN	٠	1800	PEET PR		7777	
Uomt		16	32N	1	วพ					12. Co	•	
West LINE OF	SEC.	16 T. B.	AP. H	E. Compl. (	3W	Prod. 1 18	Fier	rations (DF)	RKRR	<u> </u>	Juan	Elev. Cashinghead
-21-83	1	9-84		3-24-84				Gr.		., 0,	1	6134 KB
ital Depth			Back T.D.		If Multip	ole Compl., H	ow	23. Interve	els , R	otary Tools	<del></del>	, Cable Tools
3585 <b>'</b>		3	3550 <b>'</b>		Many			Drilled	By (0)	-TD		!
oducing Interval	s), of this	completi	ion — Top, Botto	m, Name							25	5. Was Directional Surve Made
2522'	to 292	4	Gallup									yes
pe Electric and	Other Log	s Run			<del></del>	. 1/ .		D 4 h -	_		27, Wa	s Well Cored
uction Ele	ctric/	Gamma	Ray/ Sponta	aneous	Potier	ital/neut	ron	Density	y			no
			CA	SING REC	ORD (Res	port all string	1 501	in well)				
ASING SIZE		HT LB./			<del></del>	LE SIZE	<u> </u>		NTING F			AMOUNT PULLED
5/8"	<del></del>	4#	120		+	1/4		Sks(10) sks(21)			Noa	<u> </u>
5.1/2	$\frac{17}{2}$		1666 3568			3/4 3/4		sks(21)				
3 1/2	<del>-9.</del>	2#	3366		1 -	5/4	00	- 3K3 () +				
	<u> l</u>	LI	NER RECORD		<del>1</del>		-	30.		TUBING	RECO	RD
SIZE	то	P	BOTTOM	SACKS	EMENT	SCREEN	1	SIZE		DEPTH SE	· T	PACKER SET
								2 1/16		3010'		3110'
				<u> </u>				<u> </u>				
rforation Record	(Interval,	size and	number)			32.						EEZE, ETC.
						<del></del>		ERVAL		MOUNT AN		MATERIAL USED
2522' to	2924	0.38,	, 36 shots			2522-29	924					nd in 700 Foam
												and 772,500
								<del></del>		. nitrog		<u></u>
					PROD	UCTION						
irst Production		1	tion Method (Flo	wing, gas	lift, pump	ing - Size a	nd typ	ре ритр)				(Prod. or Shut-in)
3-24-84	1		flowing	15		0.1. 511		O VICE		SI Vater - Bbl.	nutin	
Test 4-23-84	Hours T	98190	Choke Size	Prod'n. Test P		ои — вы. 0.43		Gas — MCF 47.1	1	0	1	Gas - Oil Ratio .09534:1
ubing Press.	Casing	Pressure 150	Calcuiated 24 Hour Rate	1		Gas		1	iter – Bb	ol.	Oil G	ravity - API (Corr.)
position of Gas	Sold. use		vented etc.	<u> </u>	.43		47.	<u> </u>		Test Witnes:	sed By	42
			t now shut	in						Gary Ro		-s
t of Attachments		3								Jary M		
reby certify that	the infon	nation sh	own on both side	s of this f	orm is tru	e and comple	te w	the best of	my know	ledge and b	elief.	
B	5	1		<b>—</b>								(4)
HED M	(	يرسسك	The state of the s	7	🗦							( 1/

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or leepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests contucted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall rise be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

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

		South	neastern	New Mexico				Northwe:	stem No	ew Mexico			
Anhv			т.	Canyon		T. Ojo A	lamo		т.	Penn. "B"			
-				Str wn									
				T. Atoka									
Yates	1		Т.	Miss		T. CHIEF	louse _		Т.	Leadville			
				Devonian									
Ouee	n		т.	Silurian		T. Point	Lookou	1090	т.	Elbert			
Gravt	ourg		т.	Montoya		T. Manco	·s	1430	т.	McCracken			
-	_			Simpson				<b>コ</b> ピコム		Ignacio Qtzte			
				McKee				3237	т.	Granite			
				Ellenburger									
				Gr. Wash									
	-			Granite									
				Delaware Sand									
Аьо _			T.	Bone Springs		T. Wingat	te		Т.	<del></del>			
						_							
Penn			т.			Γ. Permi	an		т.				
, fron	25	520		OIL	OR GAS	SANDS	OR ZO	NES		to			
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				IM	PORTANT	WATER			***************************************	to	**********		
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de da , from , from	2.5	te of water i	nßow an	I Mid elevation to which w	PORTANT water rose in 3565	WATER	SAND	Sfeet.	G	raneros Dakota			
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de das , from , from , from	2.5	te of water i	nflow an	to t	PORTANT water rose is 3565	WATER n hole.	SAND	Sfeet	G G	raneros Dakota allúp			

V. COMPLETION DATA		OII MeII	Gas Well	New Well	Workover	Deepen	Plug Back	Same Reefy,	Diff Res
Designate Type of Completi	on — (X)	· !	x	x		. <del></del>	g   . ; e		!
Ome Spudded	Date Compl	. Rendy to F	rod.	Total Dept	h		P.B.T.D.	***************************************	<del></del>
12=21-83	3-24	-84		3585	·		3550	•	1 T T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Sevetions (DF, RKB, RT, GR, etc.)	Name of Producing Formation.		Top OIL/Go	-		Tubing Dep	th ;	Be had	
3161 Gr.	Wildcat Gallup		2520-	2924		3450'			
rierations							Depth Casu	ng Shoe	
2522 to 29	924						35681	· · · · · · · · · · · · · · · · · · ·	, ,
		TUBING,	CASING, AN	CEMENT!	NG RECORE	)			
HOLE SIZE	CASI	16. 4 TUBI	NG SIZE		DEPTH SE	T	\$/	CKS CEMEN	47
1/4	8 5/8"	24#		120			90 sks(	106,2 Cuf	t) MV
6 3/4	5 1/2"	17#		1666'	************			(212 cuft	
4 3/4"	3 1/2"	9.3	#	3568			80 sks(	94.4 cuft	) cl B
	1 1/4"	l 		<u>i 3450'</u>	·		<u>i</u>		<del></del>
. TEST DATA AND REQUEST	FOR ALLO	WABLE (	Teet must be d able for this de	fler resevery	of total volum	of load oll	and must be e	puel so or one	ed top allo
OIL WELL Date First New Cill Run To Tanks	Date of Tee		1315 /0° 1A15 E.	<u> </u>	dethod (Flow,		i/L. ete.)	<del></del>	
south of Teet	Tubing Pres			Casing Pres	eewe		Choke Size	<del>- 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4</del>	······································
ared Pred. During Test	OU-Bhis.			Woter - Bbla	<del></del>		Goe- MCF	· · · · · · · · ·	
AS WELL	1			1					
cited Pred. Teet-MCF/D	Longth of To	MST	<del></del>	Bhis. Conde	nette/AACF		Grevity of C	andensete:	
47.1	24 hrs			0.43	<b>.</b>		42		
'enting Method (pitot, back pr.)	Tubing Proc	oure (Sheet-	( ها:	Casing Pres	sawe ( Shet-	( <b>a</b> )	Choke Size	1	
Bk Pr.	20			150			1/4	•	



Designate Type of Comple	tion - (X)	Off Melt	Gas Well	New Well	Workover	Deepen	Plug Back	Same Resty.	Ditt. Res
Octo Spudded	Date Comp	- Ready to F		Total Depti	3		P.B.T.D.	<u>.                                    </u>	<u> </u>
12=21-83	3-24	3-24-84					3550'		
evetions (DF, RKB, RT, GR, etc.; Name of Producing Fo			ection	Top OIL/Go	⇒ Pay		Tubing Dep	th	
3161 Gr.	3161 Gr. Basin Dakota			3364-3	565		3450		
eriersuone							Depth Casu	g Shoe	· · · · · · · · · · · · · · · · · · ·
3444' to 3546'							3568'		
		TUBING,	CASING, AN	CEMENTI	NG RECOR	D			
HOLE SIZE	CASI	NG. & TUB!	NG SIZE		DEPTH SE	7	SA	CKS CEMEN	T
1/4	8 5/8"	24#		120			90 sks()	106,2 Cuf	t) MV
6 3/4	5 1/2'			1666'			180 sks	(212 cuft	) ClBNe
4 3/4"	3 1/2'	9.3	#	3568			80 sks (9	94.4 cuft	) cl B
	1 1/4'			3450'	•				
TEST DATA AND REQUES		WABLE (	Teet must be a able for this di	fter recovery	of socal volum full 24 hours	ne of load oil			
TEST DATA AND REQUES OIL WELL GOS FIRST NEW OIL Run To Tenks		WABLE (	Teet must be e able for this d	fter recovery pth or be for	of socal volue full 24 hours, technol (Flow,		l and must be eq		
TEST DATA AND REQUES OIL WELL SEE FIRST New OIL Run To Tenks	ST FOR ALLO	WABLE (	Test must be a abla for this di	fter recovery pth or be for	full 24 hours, tethod (Flow,		l and must be eq		
TEST DATA AND REQUES OIL WELL  Size First New Oil Run To Tenks  saugth of Test	Date of Tee	WABLE (	Teet must be a sble for this di	fter recovery pth or be for Producing h	full 24 hours, technod (Flow, neuro		ift, sta.)		
TEST DATA AND REQUES OIL WELL  Store First New Oil Run To Tenks  store Fred, During Test	Date of Tee	WABLE (	Test must be e sbie for this de	fter recovery pth or be for producing be	full 24 hours, technod (Flow, neuro		ift, etc.)		
TEST DATA AND REQUES OIL WELL stee First New Oil Run To Tenks stock Prod. During Test	Date of Tee	WABLE (	Test must be e sbie for this di	fter recovery pth or be for Producing h  Caning Prod  Wence-Bhin	full 24 hours, technod (Flow, neuro	pump, gas l	Cheke Size  Gee-MCF	puel to er exce	
TEST DATA AND REQUES	Tubing Pred	WABLE (	Teet must be a sbie for this di	fter recovery pth or be for Producing h  Caning Prod  Wence-Bhin	sethod (Flow,	pump, gas l	Cheko Sino	puel to er exce	



## L & B Speed Drill •

P. O. BOX 70

FARMINGTON, NEW MEXICO 87401

James L. Ludwick

PHONE (505) 325-1079

130 N 130 February

Febuary 9, 1984

Lobe Had Co.

Location Lebra # 1

Surveys & Depths

125' 1/4°
700' 1/4°
11.75' 1/2°
1670' 1/2°
2000' 3/4°
2465' 3/4°
3010' 3/4°

T D 3580'

1 0

NOV 13 1984
OIL CON. DIV.
DIST. 3

Signed

James L. Ludwick

Owner

Thut Stor Expere.

4

ENERGY AND MINERALS DEPARTMENT  OIL CONSERVATION DIVISI	ON.
SANTA FE SANTA FE, NEW MEXICO 87501	Form C-103
U.S.C.S.	State K Fee Fee
LAND OFFICE OPERATOR	5. State Oil & Gas Lease No. LG 6557
SUNDRY NOTICES AND REPORTS ON WELLS	SCRVOIR.
OIL GAS X OTHER.	7. Unit Agreement Frame
Name of Operator Lobo Production	8. Farm of Lease Name
Address of Operator	Libra
PO Box 2364 Farmington, NM 87499	1
Location of Well  Whit LETTER C 810 FEET FROM THE North LINE AND 1800	16. Field and Pool, or Wildest Wild Cat Gallup/B. Dako
West the section 16 township 32N RANGE 13V	
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
6131 GR	San Juan
Check Appropriate Box. To Indicate Nature of Notice, I NOTICE OF INTENTION TO:	Report or Other Data SUBSEQUENT REPORT OF:
FORM REMEDIAL WORK PLUG AND ADANDON REMEDIAL WORK	ALTERING CASING
C DAILLING SONIMMOD	المستر
L OR ALTER CASING CHANGE PLANS CASING TEST AND CEME	NT JOB [_]
OTHER On Line	
4-10-85 Well connected to gas line. Well went on production March 31, 1985	
	, v. ***
	CIL COM. DIV.
hereby certify that the information above is true and complete to the best of my knowledge and bel	
riter Operator	OATE 4-22-85
Original Signed by FRANK T. CHAVEZ SUPERVISOR DISTRIBUTE	177 #2 3 OATE
CITIONS OF APPROVAL, IF ANY:	797



#### STATE OF NEW MEXICO

#### ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

## OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

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

December 26, 1990

Robert Finch P.A. Court Appointed Trustee Lobo Production Company 210 N. Auburn Avenue Farmington, NM 87401

RE: Lobo Production Co.

Libra #1, C-16-32N-13W San Juan County, NM

Dear Mr. Finch:

The Libra #1 well is located on state mineral lease #LG 6557. This lease has reverted to the state. Lobo Production Co. is no longer authorized to operate or produce any well located in section 16-T32N-R13W San Juan County New Mexico. The New Mexico Oil Conservation Division directs Lobo Production Co. to submit a plan for approval to plug the Libra #1 well. Failure to initiate plugging procedures within 60 days will result in a forced plugging by the Oil Conservation Division. An alternative procedure would be to assign the wellbore to a successor lessee. When this lessee posts a bond with the Oil Conservation Division, Lobo's obligations for the Libra #1 wellbore will have been satisfactorily concluded and Lobo's plugging bond can be released. No hydrocarbons or equipment are to be removed from the Libra #1 without permission from the District Office.

Yours truly,

Denny & Foust

Deputy Oil & Gas Inspector

NMOCD District III

DGF:sh

cc: Bob Stovall

Well File

#### STATE OF NEW MEXICO



#### ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT.

# DRUG FREE

## OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

GARY E. JOHNSON GOVERNOR JENNIFER A. SALISBURY CABINET SECRETARY

1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (505) 334-6178 FAX: (505) 334-6170

April 17, 1995

Certified: P 987 892 135

Thomas Dailey P C
Attorney for
First National Bank of Farmington
PO Box 2700
Farmington NM 87499

Robert Finch P A
Court Appointed Trustee
Lobo Prod
210 N Auburn Ave
Farmington NM 87401

Fidelity & Deposit Co of Maryland PO Box 1227 Baltimore MD 21203

RE: Plugging or Temporary Abandonment of Non-producing Wells

Dear Mr. Dailey:

The referenced wells below are in violation of rule #201 and rule #203.

Gulf Fed 24 #1, #30-043-20672, D-24-23N-06W, 920N/795W Gulf Fed 36 #1, #30-043-20660, A-36-23N-06W, 850N/800E Scarecrow #1, #30-045-25208, P-04-24N-08W, 760S/900E Hynes Kennedy 7 #1, #30-045-25599, O-07-29N-14W, 800S/1885E Mesa Kirtland 11 #1, #30-045-25540, C-11-29N-15W, 1190N/1850W Hatch #1, #30-045-24985, C-14-29N-15W, 660N/1980/W Libra #1, #30-045-25852, C-16-32N-13W, 810N/1800W

You are hereby directed to plug and abandon these wells, return them to production or TA under rule #203 within 30 days.

If you fail to bring the wells into compliance, we will schedule a show cause hearing as to why the listed wells should not be plugged and abandoned.

Sincerely,

Johnny Robinson

Deputy Oil & Gas Inspector

Johnny Roleinson

cc: Rand Carroll, well files, Robert Finch P A, Fidelity & Deposit Co

(II)

DISTRIBUTION SANTA FE		P.O. BO SANTA FE, NEV	0 X 2088 V MEXICO 87501	•••		Form C-103 Revised 10-1-
U.S.G.S. LAND OFFICE OPERATOR					State Side Oil 6 LG 6557	F== [
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West .	INE. SECTION	TOWNSHIP 328	BANGE	L3W		
		5. Elevation (Show whether 6131 GR	DF. RT. GR, «ic.)		12. County San Juan	
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			j <sup>s</sup> i	66818 1071 131. CON, D DIST. 3		
reby certify that the in	formation above is the	end complete to the best o	rator		DAYE1	0-31-84

SUPERVISOR DISTRICT # 1

NAV - 1 1992

Original Signed by FRANK T. CHAVEZ

LOBO PRODUCTION		LIBKA		עון
Section 1:	32 NORTH	Hurste 13 MCCT	County	
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No allowable will be assigned forced-pooling, or otherwise) o	to the well until all in until a non-standard	nterests have been con unit, climinating such i	nterests, has been u	unitization, unitization pproved by the Division
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# ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

TONEY ANAYA

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

August 14, 1984

Administrative Order No. DHC-483

Lobo Production Company P.O. Box 2364 Farmington, NM 87499

Attention: R. E. Lauritsen, Partner

Re: Libra # 1

Unit C, Sec. 16, T-32N, R-13W, Basin Dakota and Undesignated Gallup Pools, San Juan County, New Mexico

Gentlemen:

Reference is made to your recent application for an exception to Rule 303-A of the Division Rules and Regulations to permit the subject well to commingle the production from both pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303-C, and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above.

In accordance with the provisions of Rule 303.C.4., total commingled oil production from the subject well shall not exceed 20 barrels per day, and total water production from the well shall not exceed 40 barrels per day. The maximum amount of gas which may be produced daily from the well shall be determined by allowables established by the Oil Conservation Division proration schedule for these pools.



Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

Basin Dakota Pool: Oil 0 %, Gas 74 % Undesignated Gallup Pool: Oil 100 %, Gas 26 %

Pursuant to Rule 303-C 5, the commingled authority granted by this order may be rescinded by the Division Director if, in his opinion, conservation is not being best served by such commingling.

1000

ery truly yours

JOE D. RAMEY, Division Director



## STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

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

BOX 2088
SANTA FE, NEW MEXICO 87501
DATE July 25, 1994
RE: Proposed MC Proposed DHC Proposed NSL Proposed SWD Proposed WFX Proposed PMX
Gentlemen:
I have examined the application dated help 24 1984
for the Labo-Production Libra #1 C-16-32N-13W
for the dube North dibrit, C-16-32N-13W  Operator Lease and Well No. Unit, S-T-R
and my recommendations are as follows:  Opening
·
Yours truly,
Fruit On

#### LOBO PRODUCTION

R.E. Lauritsen & Gary Roberts
P.O. BOX 2364
FARMINGTON, NEW MEXICO 87499
TELEPHONE: (505) 327-0331

July 19, 1984

Mr. Joe Ramey Oil Conservation Division Post Office Box 2088 Santa Fe, New Mexico 87501

RE: Administrative Approval
Down Hole Commingling
LG 6557
C, Sec 16, T32N, R13W
#1 Libra
San Juan County, New Mexico

Dear Mr. Ramey:

Lobo Production is hereby requesting down hole commingling of the Gallup and Dakota in the above referenced well. Data from tests and reports are being submitted with this letter. Because of the similarity of the logs and test on the #1 Libra and the #1 Scorpio, it is believed that the data from one well will be applicable to the other well.

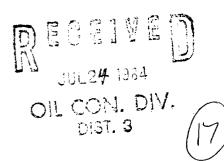
The interest owners (Royalty, Overriding Royalty, and working interest) is the same for bot! the Gallup and Dakota formations.

Enclosed you will find bottom hole pressure test data from the #1 Scorpio. Bottom hole pressures were as follows:

GALLUP 4000' 1386 PSI DAKOTA 4530' 928 PSI

The pressures fall within the 50% limitation and qualifies for commingling on that basis.

Northwest Energy is preparing deliverability studies on both the Gallup and Dakota zones. It is felt that the deliverability analysis would be the best data for the allocation of production from each zone.



The Dakota has made only dry gas during production tests and it is recommended that all oil production be allocated to the Gallup.

Surrounding mineral owners were notified by certified letter of the request for commingling. Production tests have indicated that it is not economically feasible to drill single zone wells in this area as the reserves from a single zone are not sufficient to "pay out" a well in a reasonable amount of time. Also both zones appear to be gas producers only with very little if any fluids.

If you need additional information or have any questions in regard to the data submitted, please feel free to contact me. Thank you for your consideration of this matter.

Respectfully submitted,

R.E. Lauritsen

Partner

REL:ab

Enclosure

(16)

#### LOBO PRODUCTION

R.E. Lauritsen & Gary Roberts P.O. BOX 2364 **FARMINGTON, NEW MEXICO 87499** TELEPHONE: (505) 327-0331

July 20, 1984

#### #1 LIBRA

C, Sec 16, T32N, R13W

San Juan County, New Mexico

#### Rule 303 C.2 Down Hole Commingling.

(a) Operator:

Lobo Production (505) 327-0331

P.O. Box 2364

Farmington, NM 87499

(b) Lease:

> LG 6557 Libra #1

C, Sec 16, T32N, R13W

San Juan County, New Mexico Wildcat Gallup - Basin Dakota

(c) Plat:

Attached

(d) Productivity Test:

~ . f.,...

C-116 and A.O.F. tests attached

(e) Production history:

No Production History-Recently completed wells. GOR test on Gallup - 0.43 BO -47.1 MCF. Results of the AOF test of the Dakota zone showed 135 MCFGPD from the Dakota. A 24 hour Orifice test of the commingled Gallup-Dakota showed the well flowing 403 MCFGPD after 3 hours with a flow rate of 219 MCFGPD after 24 hours.

Narrative of Production History:

Jan. 26: Set plug at 3550' perforated

Dakota 3444-3546'

Jan. 27: Acidized and fracced with 41,600 #10/20 sd ATP 3250 ISIP 1050 Feb. 21: Run AOF Test (AOF 135 MCFGPD) Unable to obtain bottom hole pressure

because of blockage in tubing.

Feb. 22: Perforated Gallup 2522-2924'
0.1 foam frac sanded off-unable to frac
March 1: Fracced Gallup with water foam
and 75,000 #20/40 Sd ATP 3800 ISIP 1250
March 19: Hooked-up pump jack and began
pumping. Well would not pump-gas locking
March 24: GOR test 0.43 BO - 47.1 MCF
May 10: Removed pump jack and pulled bridge
plug between Gallup and Dakota
The well has been flowed imtermittantly
since May 10, without making any measurable
oil. The load oil from the attempted Gallup
frac has not been recovered to date.

#### (f) Bottom Hole Pressures:

Unable to obtain bottom hole pressures due to blockage in the tubing (See tefteller report)

Bottom Hole Pressure in the Scorpio #1:

Gallup 3800' 1298 PSI Dakota 4530' 928 PSI

#### (g) Fluid Characteristics:

The well is producing dry gas from both the Gallup and Dakota zones.

#### (h) Values of Production:

Test: Gallup - GOR 47.1 MCF
Dakota - AOF 135 MCF

Gp-Kd Commingled-220 MCF after 24 hours
The tests indicate that the commingled stream will be higher than could be produced if each zone were produced separately.

#### (i) Aliocation of Production:

	Test	<u>%</u>
Dakota	135 MCF	74%
Gallup	47 MCF	26%
TOTAL	182 MCF	100%

100% of the oil allocated to the Gallup as the Dakota produced no oil during production tests.



(j) All adjacent land owners and operators were notified by certified mail on July 20, 1984 of Lobo Production's intention to commingle Gallup and Dakota zones.

COMMENTS: Bottom hole pressures were not obtained because of a blockage in the tubing during an attempt to run a bottom hole pressure survey. The well was cased with 3 1/2" casing as it was the original intent to drill a Gallup only well. Due to the lack of hydrocarbon shows in the Gallup it was decided to deepen the well to the Dakota. Production tests indicate that the well would not be economic if only one zone were produced.

Prepared by:

R.E. Lauritsen

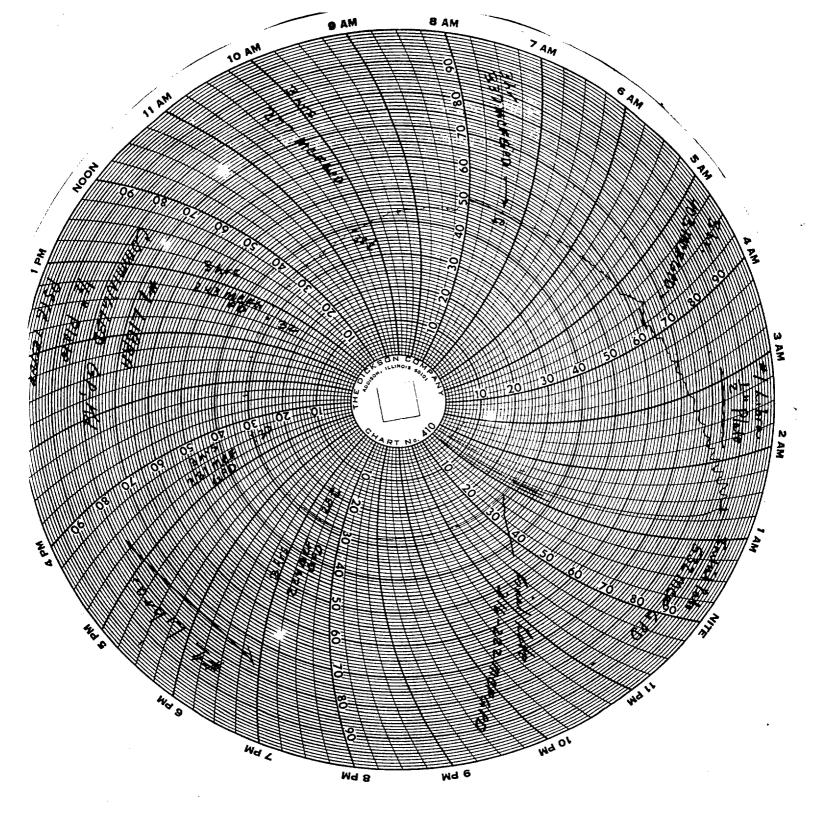
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Form C-116 Revised 10-1-78

# GAS-OIL RATIO TESTS

	Report cestag pressure in lieu of tubing pressure for any well preducing through cising.  Hall original and one copy of this report to the district office of the New Mexico Oli Conservation Division in Rule 101 and proporties paol release.	Gas volumes must be reported in MCF measured at a pressure base of 15,025 pala and a temperature of 60° F. Specific gravity base will be 0,60.	During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by seere than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.	No well will be assigned an allowable greater than the amount of oil produced on the official test.			#1 Libra 、	2330		P.O. Box 2364 Farmington, N	Operator LOBO PRODUCTION	
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# TEFTELLER, INC. RESERVOIR ENGINEERING DATA Midland, Texas

Well : LIBRA NO. 1

Page \_\_\_\_1 of \_\_3

Field : BASIN DAKOTA

File \_\_\_\_2-15220-AOF

#### CHRONOLOGICAL PRESSURE AND PRODUCTION DATA

1984 Date	Status of Well	Time	Elapsed Time Hrs.Min.		Daily Rate Gas MCF/D	Well Pres Tbg	
2-21	Arrived on location, shut-in	١,			×		
11	shut-in since 2-13-84 @						
11	10:00	07:00	189	00		573	573
**	Run static gradient traverse	<u> </u>					
11	to 600' due to obstruction						
11	Open to test thru 3/4"x6"						
n .	x2" positive choke	08:45	190	45		573	573
11 .	Dry gas	08:45	0	00			
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11	light mist to surface	09:30	0	45	120	2.5	101
11	ii G	09:45	1	00	143	3.5	100
11	11	10:15	1	30	143	3.5	95
11	11	10:45	2	00	143	3.5	94
11	Mist stopped	11:15	2	30	143	3.5	92
11	Dry gas	11:45	3	00	132	3.0	91
11	Shut well in	11:45	2		. ——		



	File 2	-15616-P	&FL
COMPANY LOBO PRODUCTION COMPANY LEASE LIBRA FIELD BASIN COUNTY SAN JUAN FORMATION GALLUP-DAKOTA TEST DATE JUNE 20,		WELL NO STATE NE TIME	M WEXICO
FLUID LEVEL REPORT			
WELL DATA  Elevation 6131 GL feet Datum feet subsea  3444-3546 Dakota	Total Dep	<u>սի 3550 P</u>	BTD fee
Perforations 2522-2924 Gallupect Test Depth 3500 feet	Pack	er_No	fee
Tubing Size 1 1/4 in. to 3430 feet Tubing Pressu	ite	di Namica decimen	psig
Casing Size 3 1/2 in. to 3550 feet Casing Pressu	318		psig
Oil Levelfeet Water Levelfeet			31.0 fee
Well Makes% Oil,% Water Atmosp			
Shut-in 8 days Dichard Raind	nene remp	P=1'4	Start to
Status of Well Shut-in 8 days Operator Richard Baird	Unit No	CLINGS CHARTES CO.	1799 In #37 99
PRESSURE DATA	·		
	f	I Candians	
	Feet	Gradient Psig/Ft.	Psi
Casing Pressure	<del> </del>	1	
Casing Pressure	<del> </del>	Psig/Ft.	
GAS		Psig/Ft.	**318
GAS		Psig/Ft.	**318
Average Tubing Joints 31.0 ft. Joints to Fluid 84 Feet to Fluid  OIL  Fluid Column Length 854 ft. % Oil Oil Column Length	2646	Psig/Ft.	~ 318 29
Average Tubing Joints 31.0 ft. Joints to Fluid 84 Feet to Fluid.  OIL	2646	Psig/Ft.	- 318 29
Average Tubing Joints 31.0 ft. Joints to Fluid 84 Feet to Fluid  OIL  Fluid Column Length 854 ft. % Oil Oil Column Length	2646 854	Psig/Ft.	29 278
Average Tubing Joints 31.0 ft. Joints to Fluid 84 Feet to Fluid  OIL  Fluid Column Length 854 ft. % Oil Oil Column Length.  WATER	2646 854	0.009 0.325	29 278

27

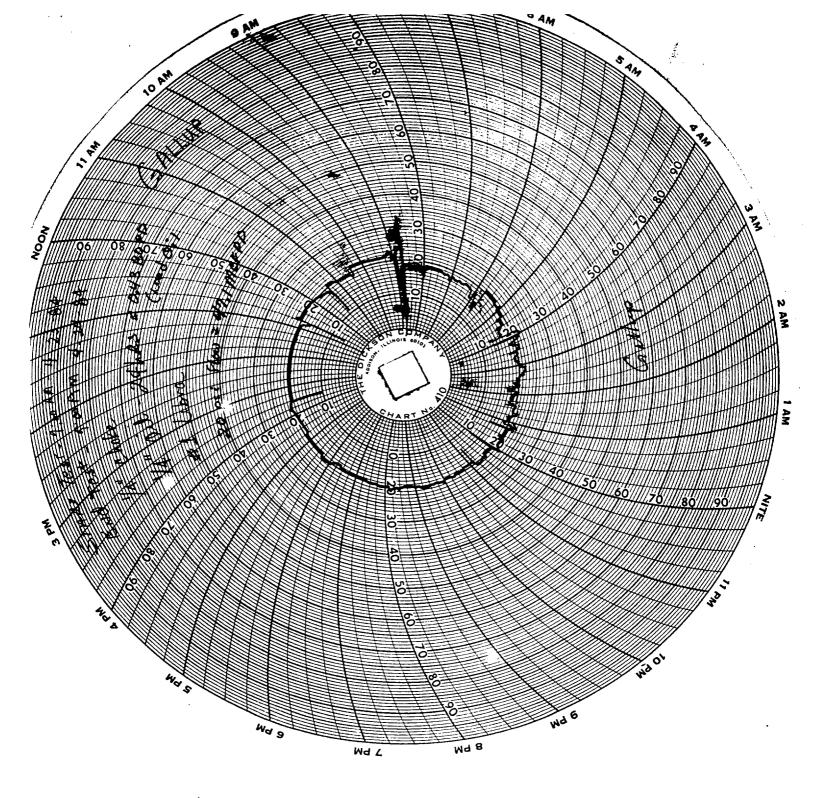
10 mg

STATE OF THE PARTY OF



Page \_\_\_2 \_\_\_ of \_\_\_3 \_\_\_\_ File \_\_\_\_2-15220-A0F

LOBO PRODUCTION COMPANY Lease LIBRA \_\_\_\_ Well No. <u>1</u> Company \_ BASIN DAKOTA County \_\_\_\_ SAN JUAN \_\_\_\_\_State \_\_NEW MEXIC Field \_\_\_ DAKOTA · FEBRUARY 21, 1984 Formation. \_Test Date \_ Status of Well PRESSURE GRADIENT **DEPTH** Psi/Ft. Feet Psig 2000-575 0 0.008 600\* 580 1000 2000 3000 1750 3200 3400 603 0.008 3495 \*Obstruction @ 609 feet 1500 Psig Datum Pressure Elev. 6134 GL Datum Ft. Total Depth 3585PB Perf. 3444-3546 Tubing 1 1/4 in. to 3424 Ft. Casing 3 1/2 in. to 3552 Ft. Casing Press. 575 Tubing Press. 575 ોl Level Water Level 250 Temperature 70 Ft. 600 Element No. 31196 Range 0-3000 Last Test Date Pressure Last Test Date Psig B.H.P. Change 2500 3000. 1000 DEPTH: FEET



OSTRIBUTION SANTA FE	OIL CONSERVA P. O. BO SANTA FE, NEW		ferm C-103 Revised 10-1-
U.S.G.S.  LAND OFFICE  OPERATOR			State Oil & Gae Lease No. LG 6557
100 MOT MAE THIS FORM FOR PROPES	NOTICES AND REPORTS ON	MICE TO A DIFFERENT RESERVAIR.	
GIL GAS WELL X	GTMER-	··· •	7, Unit Agreement Name
LOBO PRODUCTION		<del></del>	8. Form or Lease Name LIBRA
P.O. Box 2364, F	armington, New Mexico	87499	9. Well ! fo. #1
occation of Well  WHIT LETTER C 810	North		Wildcat Gallup
THE West LINE, SECTION	16 32N	13W	- Harra:
	15. Elevation (Show whether 6131 Gr	DF, RT, GR, etc.)	12. County San Juan
Check App NOTICE OF INTE	propriate Box To Indicate N ENTION TO:		or Other Data QUENT REPORT OF:
PORANILY ASANSON	CHANGE PLANS	COMMENCE DRILLING OPES.	ALTERNIC CASING  PLUG AND AGANDONMENT
THEN		OTHER Refr	ac Gallup
March 1, 1984-Fr	cacced down 3 1/2" casing teated with 75,000 lbs commend well and flowed because of the case of the ca	ng with 70 quality for 20/40 sand, 28000 ga	cluding estimated date of starting any proposes oam and water. llons water
March 2 to March	n 6, 1984-Flowed and sw	abbed well to Frac t	an k
March / to 14	n 84 jts. 1½" tubing 4, 1984. Flowed well 34 Cleaned out sand	I to tauks.	

March 19, 1984 Ran 94 jts. 2 1/16" IJ J55 3.25# tubing and landed

at 3010'. Will complete hookup and begin production

3/24/84.

sereby certify that the information shows is true and complete to the	best of my knowledge and belief.	
a Comunitary	Operator	3-15-84
Orr Co. 12 master a consum	•	0.1. 1004

Original Signed by FRANK T. CHAVEZ

SUPERVISOR DISTRICT # 1

MAR 21 1984

T	e Test													<del>                                      </del>		55/	_[נע
'"	_	x Initio	al	٢	Aı	ınual			Sp	ecial	Test D 2-21		$\sim$ $^{\prime}$	الاسلار	) 9 <sub>1986</sub>	, [L	
Cor	npany					Connec	tlon				2 21		$\supset_{I} \downarrow$	CO	A /	<del></del>	
I	obo Pro	ducti	ion											Die	(V. D	11/	
Poc	ol			· · · · · · · · · · · · · · · · · · ·		Format	ion							Unit	· 3	•	
						Dako	ota								_		
Cor	npletion Dat	e		Total Depth			1	Flug Back	TD		Elevati	on		Farm or	Lease Na	me	
<u></u>		1		3585	<u></u>			3552						Libra			
1	g. Size	Wt.	1	d	Set		1	Pertoration		-	- 05		1	Well No.	•		
The	3 1/2 3. Size	wi.		d	Set	552 At		From G Perforation	3444	т-	• 35	46	<del> ,</del>	<u>l</u> Jnit	Sec.	Twp.	Age.
	-	l	1		!		- 1	From		т	o'			<u> </u>		32N	130
Ту	e Well - Sin	gle – Bro	l denhead	-G.G. or G.C	). Mul	tiple			Packer S	Set At				County	14,	Jan	<u>1) U</u>
!	Single								None						<u>Juan</u>	i	
F'ro	ducing Thru		Reserv	oir Temp. °F	1	dean Ani	nual '	Temp. *F	Baro. Pr	ess	Pa			state	Juan		
1	ubing			0									ŀ	New	Mexico	)	
	L	н		Gg		% CO 2		% N 2		% H <sub>2</sub> S	3	Prover		Meter	Run	Taps	
		<u> </u>												6"x3	3/4"		
	γ		FL	OW DATA					TU	BING	DATA		CAS	SING C	DATA	Dure	ation
NO.	Prover Line	×	Orlfice	Press.		Diff.		Temp.	Pres		Ten	-	Press	- 1	Temp.	į.	i
	Size		Size	p.s.i.q.		μM		*F	p.s.1	g.	F		p.s.1.0	3.	• F	F1	ow
1.	8 days			<del> </del>					573		<del></del>		573				
2.	2 X 3/	4		<del> </del>					3		<del> </del>		91			3 no	ours
3.	<del> </del>	··					$\dashv$				-						
4.					_		-				<del></del>				<del></del>		
5.					_						<u> </u>						
						RATE	OF	FLOW	CALCU	LATI	ONS						
	Coeffi	clent				Press		Flow	Temp.		Gravit	у	Su	per		ate of Flo	
NO.			-	h <sub>w</sub> P <sub>m</sub>				F	actor	ĺ	Factor		Comp	press.	- "		
	(24 H			- ·-·		Pm	1		Ft,		Fg		Facto	r, Fp <b>v</b>		Q, Mcfd	
1	`		_	····	$\dashv$												
2.		<del></del>		Orifice	wel	l tes	ter	· volum	ie						132		
3. 4.					-+					<del></del>				<del></del>	<del></del>		
5.										+			· · · · ·		<del></del>		
<u> </u>		Τ	<del></del>			T	C 1		da	D-11-							(4)
NO.	Pr	Tem	p. •R	T <sub>r</sub>	2	٠		Liquid Hyd I. Gravity									_ Deg.
1.								ific Gravit							xxx	xxxx	
2.								liic Gravit									
3.		ļ				- 1		cal Pressu							٠	P.	S.1.A.
4.		-					Critic	cal Tempe	rature					F	3 L		R
5.		1	212														
P <sub>c</sub> NO	585 Pt <sup>2</sup>		34222	P <sub>w</sub> <sup>2</sup>	D 2	D 2	(1)	Pc 2	=	1	. 0320	(0)	Γ	P <sub>C</sub> 2	] n _	1.02	39
1	Ft"	+	· <u>·</u>	10000	76-	1 ( 1 (	\•/ <u>-</u>	$P_c^2 - P_w^2$			<u> </u>	. (2)	Pc	$^2 - F_w^2$	-		<u> </u>
2			13	10609	33	1616											
3		+							Pc 2	٦n	13	5					
4	<del>- •</del>			<del></del>			AOF	± 0 —	p2 _ p	<u>-</u>   '	=	<del></del>	<del></del>				,
5		1						L	'c - w	_1							
			1 7	.5						T			r -	2 12		-	7.5
Abs	olute Open i	Flow	13					McId	9 15.025	Angl	le of Slo	pe	. ک	3.13	Slope	, n	
Hen	arks:			l .					<del></del>	<del></del>							
				····					<del></del>								_
Aan	roved By Co	mmissio	n:	Conducte	d Dv.			1	Calculate	ed B				hecked	By:		<u> </u>
	_, 30					LER,	INC				FTELL	ER			•	( )	31)

# TEFTELLER, INC. RESERVOIR ENGINEERING DATA Midland, Texas

Well : LIBRA NO. 1

Page \_\_\_1 \_\_ of \_\_\_3

Field : BASIN DAKOTA

File 2-15220-AOF

#### CHRONOLOGICAL PRESSURE AND PRODUCTION DATA

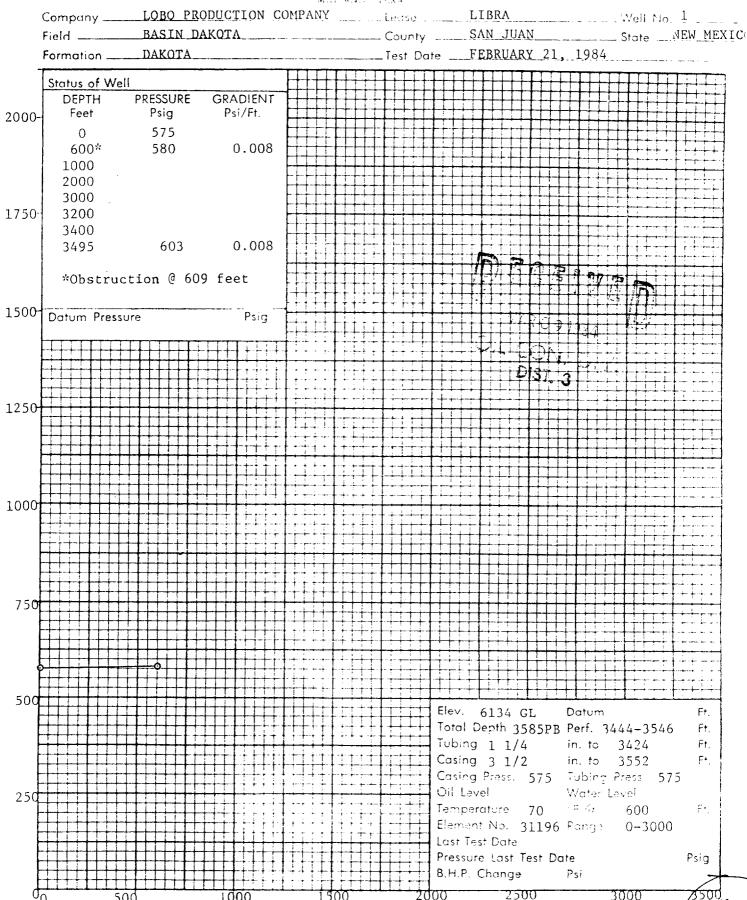
1984 Date	Status of Well	Time	Elap Time Hrs.		Daily Rate Gas MCF/D	Well Pres Tbg		
2-21	Arrived on location, shut-	·in,						
11	shut-in since 2-13-84 @							
11	10:00	07:00	189	00		573	573	
11	Run static gradient traver	se						
11	to 600' due to obstruction	l						
11	Open to test thru 3/4"x6"							
11	x2" positive choke	08:45	190	45		573	573	
11	Dry gas	08:45	0	00				
**	* H	09:00	0	15	192	6	151	
11	. 11	09:15	0	30	107	2	101	
**	light mist to surface	09:30	0	45	120	2.5	101	
11	n o	09:45	1	00	143	3.5	100	
**	11	10:15	1	30	143	3.5	95	
11	H .	10:45	2	00	143	3.5	94	
**	Mist stopped	11:15	2	30	143	3.5	92	
11	Dry gas	11:45	3	00	132	3.0	91	
11	Shut well in	11:45	J					







Page 2 of 3 File 2-15220-AOF



DEPTH: FEET

OST DIPUTION	•		P. O. BQ	TION DIVIS			Ferm C-103 Revised 10-1-7
y.s.c.s.				•	<i>1.</i>	Sa. Indicate Typ	
CAND OFFICE				•		5. Stete Oil 6 G	Fee
	<del></del>					LG (	-
the ner wat Twis			REPORTS ON		Coceveja.		
		THER-	·			7. Unit Agreeme	
Lobo Produ	ation					6. Form or Leas	e liame
idress of Operator	ec ton .	<del></del>	<del></del>	<del></del>	<del></del>	Libra	
РО Во	x 2364	Farming	on, NM 87499	· · · · · · · · · · · · · · · · · · ·		#1	
unit LETTER C	810	PEET PRO	North	180	10 PEET PRO	Wildcat	=
West	, LME, SECTION <u></u>	16	32N	names1	.3W		
		IS. Eleve	ntion (Show whether 6131	DF, RT, GR, esc.) Gr.		12. County San Jaun	
NOT	Completed Operation	ITION TO:	**************************************	REMEDIAL WORK COMMENCE BRILLING CABING TEST AND CE OTHER	SUBSEQUEN	T REPORT OF:	AND AGANDONMENT
·	Set Baker Spotted 25	0 Gals 10%	ig 3110' Gr. % Acedic Acid t (see Attach		ed 2500# ps	si. ·	
2-23-84 2-24-84 2-25-84 2-26-84	Acidized G casing wit Layed flow Well dead	allup for h 240 bls lines to	nation 750 ga . oil in 14,0 tank, Fhowed	orepare to fra 11s. 10% Acedi 000# 10/20 san 1 well to prod	ic Acid, Frand and 70 quality description tank	uality foam.	
2-27 <b>-84</b>	Shut in we	11 to pre	pare to refra	c the Gallup.		UP DO 122 UP DO 122 UP DIST. 3	E D
			les to the best	my traculates and b	aller	D:87, 3	

Opertaor Opertaor

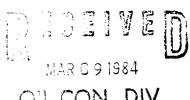
Original Signed by FRANK T. CHAVEZ

SUPERVISOR DISTRICT # 1

MAR 09 1984

Libra #1

```
Gallup Perforations:
      2522
      2524
      2562
      2566
      2588
      2593
      2610
      2631
      2695
      2710
      2717
  2730
      2740
      2745
      2747
      2750
     2754
      2760
      2770
      2780
      2782
      2784
      2787
      2790
      2791
      2793
      2796
      2821
      2832
      2850
      2860
      2870
      2890
      2898
      2905
```



OIL CON. DIV. DIST. 3

ENTITIE OF NEW MEXIC			TION DIVISIO	Ν	form C-101 Revised 10	
DISTRIBUTION SAUTATE FILE	54	P. O. BOX NTA FE, NEW I			SA. Indicat	e Type of Leone
U.S.G.S.  LAND OFFICE  OPERATOR		2001	00.01.00		LG 6	557 
APPLICATIO	N FOR PERMIT TO	DRILL, DEEPER	N, OR PLUG BACK		7. Unit Agr	rement Name
b. Type of Well DRILL		DECPEN 🗌	PLI	JG BACK	8. Frum or 1	eane Name
WELL SAS WELL	<b>OTH</b> € <b>R</b>		SINGLE	IONE		ibra
Lobo Product  1. Address of Operator	ion	<del></del>		•	9. Well No.	nd Fool, or Wildcat
PO Box 2364	Farmington	, NM 87499			B <b>a</b> sin 1	
4. Location of Well UNIT LETTE		ATED 810	PEET PROM THE NO			
1800	West	(***:: 16	TWO.32N	13W	12. County	
					San Juan	
			13. i reposed Lepth	19A. Formation	;	20. Hotaly of C.T.
21. Lievations įškiau whether Di,			3585'	Dakota		Rotary
6131 Gr.	Al, etc.) 21A. Kina	Status Flug. Band	Ludwick Drill		1	. Date Work will start . 8, 1983
23.	Р	ROPOSED CASING AI	ND CEMENT PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOO	T SETTING DEP	TH SACKS OF	CEMENT	EST. TOP
12½ 6 3/4	8 5/8	24#	120'		s <b>k</b> s	MV
4 3/4	31/2	17# 9.2#	1667' 3585		30 ske ) sks.	<u>Mancos</u> Dakota
	tto epened to Dakota ate request for					_
Interes	t owners are the	e same for bot	th zones			
Process	asan	interi	x (C-103)	FEB 2 9	OVE	
Effecting a Printingly a	as an	es flime Migina	(C-101	OIL CON	I. DIV.	
IN ABOVE SPACE DESCRIBE PROTIVE LONE, GIVE BLOWOUT PREVENTE	DPOSED PROGRAMITE P	PROPOSAL IS TO DEEPEN	OR PLUS BACK, SIVE DATA			AND PROPOSED NEW PR
I hereby cartify that the information		lete to the best of my  Tule Operato	·	[	)are	2/28/84
(This apace for S	. No. 1974 and 1974 pt. 1884. Apr. 1884 Transport Addition of the Control of the			Contracting and annual Section 1999	-	
Original Signed	by FRANK T. CHAVEZ	TITLE SUPERVI	SOR DISTRICT # 3		FE.	B 3 5 1984
CONDITIONS OF APPROVAL, IF	ANYI					(He)

 LOBO PR	RODUCTION	_		LIBRA			И	
Certor Sec	16	Township 32 NORTH	liong	• I3 WEST	Cuenty	SAN JUAN		
il l'astage Location				`	<u></u>	SALV CONT		<del></del>
810 tea 10 Level Elev. 0131	Producing For	•	Pool	30 le Basin Dsk	et from the	WEST	line Dedicated Acreag W/ 320	et Acre
Outline the ac	renge dedica	ted to the subject w	ell by col	ored pencil (	or hachure	marks on th	re plat helow.	
interest and ro	yalty).	dedicated to the we	dediented					
Yes		swer is "yes," type o		ntion			3	<u> </u>
If answer is "r this form if nec No allowable w	no," list the o	whers and tract desc d to the well until all or until a non-standar	riptions w	hich have ac	tually be	rd (by comi	nunitization, ur	ritization
1800'	Blo					hest of my Name Opera	CERTIFICATION  crilly that the information is true and complete and bell aurilaria.  ator  PRODUCTION	pleie to the
		Sec. 16				12-2-8 Dote	33	
			CON.	VEDIV.		shown on the notes of or under my sels true under m	RED LAND  mber. 1983  Control English	the some or it the some rest of my
						5980		
- ( 0 0 0 13	70 IALO 1987	2310 2640 2000	1300	1000 30	·	<del></del>		

....

This form to be filled with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled of impened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths, in the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

		Southe	astern	New Mexico				Northwe	stem N	ew Mexico
T. Anh	y		т.	Canyon	T.	Ojo A	Alamo		τ.	Penn. "B"
				Strawn						
B. Salt			т.	Atoka	Т.	Pictu	red Cliff	s	т.	Penn. "D"
T. Yate	e s		T.	Miss	т.	Cliff	House _		T.	Leadville
T 7Ri	vers		Т.	Devonian	т.	Mene	íce		т.	Madison
T. Que	en		т.	Siluri en	_ т.	Point	Lookout	1090	т.	Elbert
T. Gray	/burg		Т.	Montoya	T.	Manc	05	1430	T.	McCracken
				Simpson						
T. Glor	ieta	· · · · · · · · · · · · · · · · · · ·	Т.	McKee	Ba:	se Gre	enhorn	3237	т.	Granite
T. Pad	dock		т.	Ellenburger	Т.	Dako	t <i>a</i>	3364	т.	
T. Blir	ebry		т.	Gr. Wash	Т.	Моггі	son		т.	
				Granite						
				Delaware Sand						
				Bone Springs						
T. Wolf	camp		т.		т.	Chint	e		т.	
T. Pen	n		т.		T.	Perm.	an	- · · · · ·	Т.	
T Cisc	o (Bough	C)	т.	****	<b> T</b> .	Penn	''A''		T.	
lo. 2, fra	m	3364		2924 to 3565	. No	. 5, fro	m	1 ** * * * * * * * * * * * * * * * * *	•••••	to
				IMPORTA	NT W	IATER				
'a 1 (	33	16/1		<b>to</b> 3565				fort.	Gran	neros Dakota
	2.5	:20		2924					Ga]	llup
o. 2, fro	m		••••••	to				fec <b>t</b> .	•	•
o. 3, íro	m	••••		to		••••••		feet.	•••••	······································
o. 4. fro	m			to				fcet		
1, 1.0				FORMATION RECORD (Attac						<del></del>
From	То	Thickness in Feet	····	Formation		From	То	Thickness in Feet		Formation



	NSERVATION DIVISION	fere t-103
the same of the sa	FE, NEW MEXICO 87501	Aerised 10-1-7
U.S.G.S.		San Indiante Type of Lesso
OPERATOR STATE OF THE PROPERTY		1. Sees Oil 4 Cos Lesso No.
SUNDRY NOTICES AND RE	PORTS ON WELLS	
LOBO PRODUCTION	The same of the sa	
P.O. Box 2364, Farmington, New		
cation of Well C 810	North 1800	Wildcat MUNIO
West LME, SECTION 16.	32N 130 3	
	(Show whather DF, RT, GR, etc.)	12. County
	Indicate Nature of Notice, Report	San Juan (1)
NOTICE OF INTENTION TO:		EQUENT REPORT OF:
ILLEGIBLE		ALTONNOS DAGONOS XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
- ALT   LLLUIDLL	The state of the s	
THER THE		量的 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图
escribe Proposed or Completed Operations (Clearly state a ork) SEE RULE 1703.	Il persinent desails, and give pertinent dates,	including setimated date of starting any proposes
Spud Date December. 21, 1983. D	orilled 6 3/4" hole to 1670'.	
Changed Casing program to 8 5/8		
	.20 cu.ft,1	
Jan. 5Ran 38 jts. 5 1/2" 17# sks. (212.40 cu.ft.) 0 at 2:00 p.m. WOC 18 ho	Cla B Neat: Circulated 2 bbls	o'. Cemented with 1805; to surface. Plug down
	<b>6</b>	)
want to kennet-Account	e · K	RECEIVED
Deed to report-pressur test of all easing. Ih	· · · · · · · · · · · · · · · · · · ·	YAN 13 1984
	<b>C</b>	DIL CON. DIV.
sereby certify that the information above is true and comple	the to the best of my fractioning and belief.	Section 1
W Edauntaen	Operator Operator	1-12-84
Original Signed by FRANK T. CHAVEZ	THE RYISOR DISTRICT # 2	The state of the s
TO ST APPROVAL, IF ANYI	The second secon	(4)

OISTRIBUTION SANTA FE FILE	OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501	ferm C-103 Revised 10-1
U.S.G.S. LAND OFFICE OPERATOR		State X Fee 5. State Oil 6 Ges Lesse No. NA
(00 00T BEC THIS	SUNDRY NOTICES AND REPORTS ON WELLS TO MOREOUS TO STILL ON TO SEEPEN OF PLUG ARCH TO A SEPTEMENT RESOURCE.	7. Unit Agreement Name
	HELL THER-	
me of Operator	Lobo Production	8. Form or Lease Home Libra
idress of Operator	PO Box 2364 Farmington, NM 87499	s. Well No.
ocition of Well	810 PEET FROM THE North 1800 FEET F	10. Field and Pool, or Wildcor
west West	LINE, SECTION 16 TOWNSHIP 32N GAMES 13W	
	15. Elevation (Show whether DF, RT, GR, etc.) 6131 Gr.	12. County San Juan
NOT THE CASTES ON ALTER CASTES	Check Appropriate Box To Indicate Nature of Notice, Report or TICE OF INTENTION TO:  PLUE AND ASAROSH  COMMENCE DAILLING SPUE.  CHANGE PLANS  CASING TEST AND CEMENT JOS.	ENT REPORT OF:  ***********************************
escribe Proposed or ork) SEZ RULE 110	Ran 115 Joints of 3½" casing 9.3# set at 3568', Ran 60 Ran 55 Jts. 55# EUE.  Guide shoe set at 3568' with baffel at 3552'.  Pumped 5 bls. water ahead of cement followed by 5 bls.  Pumped 5 bls. of H <sub>2</sub> 0 spacer and 11 bls. of Flow chek at (94.40 cuft.) Cls B cement with ½# Flow cele per sk.	jts. $9.2\#$ NUE, of CaCl $_2$ H $_2$ O. nd pumped 80 sks.
excribe Proposed or ork) SEZ RULE 110	Completed Operations (Clearly state all pertinent details, and give pertinent dates, includes).  Ran 115 Joints of 3½" casing 9.3# set at 3568', Ran 60 Ran 55 Jts. 55# EUE.  Guide shoe set at 3568' with baffel at 3552'.  Pumped 5 bls. water ahead of cement followed by 5 bls.  Pumped 5 bls. of H <sub>2</sub> O spacer and 11 bls. of Flow chek at (94.40 cuft.) Cls B cement with ½# Flow cele per sk.	jts. $9.2\#$ NUE, of CaCl $_2$ H $_2$ O. nd pumped 80 sks.

DITIONS OF APPROVAL, IF ANY:

OISTRIBUTION SANTA FE	OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501	Form C-103 Revised 10-1- Sa. Indicate Type of Legue
U.S.G.S. LAND OFFICE OPERATOR		State X Fee S. State Ott 6 Gee Lease No.
IDO HOT USE THIS FORM FOR	DRY NOTICES AND REPORTS ON WELLS TO BRILL ON TO BEEREN OR PLUE OACH TO'A SIFFERENT RESERVE ATION FOR PERMIT - WORM E-101) FOR SUCH PROPERTIES.	.m.
well well	OTHER•	7. Unit Agreement Name
	obo Production	8. Form or Lease Jame Libra
dress of Operator	Box 2364 Farmington, NM 87499	9. Vall No.
ocation of Well  Unit LETTER C	North 1800	19. Pleid and Pool, or Wildon Pool of Wildcat Wildcat
THE West LINE, SEC	TION 16 TOWNSHIP 32N NAMES 13W	— <b></b>
	15. Elevation (Show whether DF, RT, GR, etc.) 6131 Gr.	12. County San Juan
NOTICE OF	PLUS AND AGAINSTO INCIDENTION TO:  PLUS AND AGAINSTO INCIDENTIAL WORK COMMENCE ORILLING OPEN. CHANGE PLANS CASING TEST AND CEMENT M OTHER  Operations (Clearly state all pertinent details, and give pertinent dates	ALTERNIE CASING PLUE AND ASSERDEMENT
ors) see rule 1103.	Ran 1½" tubing in hole Drilled out, cleaned to plug back TD 3550	RECEIVED
" 25. " 26, 1984	Pressure tested casing, would not hold at Ran Bridge plug and set at 3550' Pressure tested 2000 psi, held OK	2000 psi.OIL CON. DIV.
	Perforated the Dakota at: 3444, 3458, 3462 3490, 3502, 3504	, 3464, 3470, 3480, , 3516, 3525, 3532, 3546.
" 27, 1984	Acidized with 250 gal 15% HCL. Fracced with 41,600# 10/20 sand and 70 qua	lity foam.
" 30, 1984	Flowed well, and cleaned up sand with Nitro	
Feb. 12:	Shut well in for AOF test.	\
Feb 21:	Ran AOF.	

Operator

Original Signed by FRANK T. CHAVEZ

SUPERVISOR DISTRICT # 3

FEB 24/198

STATE OF HEW MEXIC				30-4	45-25PSZ
SHEPSY ON MILLERICS DEPA	OII OII	CONSERVATI 1. a. 110 x 2		Form (+10 Revised 1	) <b>1</b>
OSTRIBUTION	S S	ANTA FE, NEW M		( 5A. 1601c)	te Type of Lyone
FILE	_	12/ 12/	22 7 7 52 411	81416	<del></del>
U.1.0.1.		11//		S. Cinte O	Il & Con Loune No.
LANG OFFICE		in the second		17777	
APPLICATIO	N FOR PERMIT T	O DRILL, DEEPEN,	OR PLEIC BACK		
4. Type of Work		o bride, weer err,	)	7. Unit Ag	Germani Bama
DRILL X		DEEPEN	PLUG I	BACK []	<u> </u>
b. Type of Well	· 		Aller Carry	8. 1-um or	Leane flume
. Tiunie of Operator	. 071168	<del></del>	ZONE (3C)	LIB	
LOBO PRODUCTION				#1	
Address of Operator			<del></del>		und Pool, or Wildout
P.O. Box 2364. Fa	rmington, New	Mexico 87499	****	Wild	cat Sully
. Location of Well OHIT LETTE			ECT FROM THE North	LINE	
, 1800 PEET FROM			wa 201		<b>(                                    </b>
				12. county	mithiliti
		THIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		111111115	Man Allilli
££££££££££££	#######	<i><del>444444444</del></i>	3. Froposed Depth 1	9A. Formation	20. isotory or C.T.
			3100'	Gallup	
1. Lievations (Show whether DF,	KT, etc.) 21A. Kin	d & Status Plug. Bond 2	18. Drilling Contractor	22. Appro	x. Date Work will start
6131 Gr			Ludwig Drilling	Dec	· 8, 1983
J.		PROPOSED CASING AND	CEMENT PROGRAM		
			·	<del></del>	·
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
SIZE OF HOLE	9 5/8	WEIGHT PER FOOT	SETTING DEPTH		EST. TOP
12 1/4 8 3/4	9 5/8 7"	24# 30#	100' 1400'	100 300	
12 1/4	9 5/8	24#	100'	100	Circulate
12 1/4 8 3/4 6 3/4"	9 5/8 7" 4 1/2	24# 30# 10.5 #	100' 1400' 3100'	100 300 250	Circulate Circulate 1300'
12 1/4 8 3/4 6 3/4" Operat	9 5/8 7" 4 1/2 tor plans to dirface. Air dr	24# 30# 10.5 # rill 1400' mud he	100' 1400' 3100' ole and set 7" c	100 300 250 asing and cemen	Circulate Circulate 1300'
12 1/4 8 3/4 6 3/4" Operat to sum Gallur	9 5/8 7" 4 1/2 tor plans to dirface. Air drip formation.	24# 30# 10.5 # rill 1400' mud he ill 6 3/4 hole to If productive 4	100' 1400' 3100' ole and set 7" c o T.D. Run logs 1/2" liner will	100 300 250 asing and cemen and evaluate be run and ceme	Circulate Circulate 1300'
12 1/4 8 3/4 6 3/4" Operat to sum Gallur	9 5/8 7" 4 1/2 tor plans to dirface. Air drip formation.	24# 30# 10.5 # rill 1400' mud he	100' 1400' 3100' ole and set 7" c o T.D. Run logs 1/2" liner will	100 300 250 asing and cemen and evaluate be run and ceme	Circulate Circulate 1300'
12 1/4 8 3/4 6 3/4" Operat to sum Gallur	9 5/8 7" 4 1/2 tor plans to dirface. Air drip formation.	24# 30# 10.5 # rill 1400' mud he ill 6 3/4 hole to If productive 4	100' 1400' 3100' ole and set 7" co T.D. Run logs 1/2" liner will ed for economica	asing and cemen and evaluate be run and ceme	Circulate Circulate 1300'
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12 1/4 8 3/4 6 3/4"  Operate to sum Gallum in plane  FORMATION  Cliff House	9 5/8 7" 4 1/2  tor plans to direct d	24# 30# 10.5 # rill 1400' mud he ill 6 3/4 hole to If productive 4 mulate as require ESTIMATED TO	100' 1400' 3100' ole and set 7" co T.D. Run logs 1/2" liner will ed for economica PS DEPTH San	asing and cemen and evaluate be run and cemen production.  CONTENT	Circulate Circulate 1300' t
12 1/4 8 3/4 6 3/4"  Operate to sum Gallum in pla	9 5/8 7" 4 1/2  tor plans to direct d	24# 30# 10.5 # rill 1400' mud he ill 6 3/4 hole to If productive 4 mulate as require ESTIMATED TO: 100' 1590'	100' 1400' 3100' ole and set 7" co T.D. Run logs 1/2" liner will ed for economica PS DEPTH  San San	asing and cemen and evaluate be run and cemen l production.  CONTENT  d Water d Gas &	Circulate Circulate 1300' t
12 1/4 8 3/4 6 3/4"  Operate to sum Gallum in plant FORMATION  Cliff House Point Lookout	9 5/8 7" 4 1/2  tor plans to direct d	24# 30# 10.5 # rill 1400' mud he ill 6 3/4 hole to If productive 4 mulate as require ESTIMATED TO	100' 1400' 3100' ole and set 7" co T.D. Rum logs 1/2" liner will ed for economica PS DEPTH  San San San	asing and cemen and evaluate be run and ceme l production.  CONTENT  d Water d Gas & d & Shale Oil	Circulate Circulate 1300' t nted
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12 1/4 8 3/4 6 3/4"  Operate to sum Gallum in plant FORMATION  Cliff House Point Lookout	9 5/8 7" 4 1/2  tor plans to direct d	24# 30# 10.5 # rill 1400' mud he ill 6 3/4 hole to If productive 4 mulate as require ESTIMATED TO: 100' 1590'	100' 1400' 3100' ole and set 7" coor.D. Rum logs 1/2" liner will ed for economica PS DEPTH  San San San San	asing and cemen and evaluate be run and cemen production.  CONTENT  d Water d Gas & d & Shale Oil	Circulate Circulate 1300'  t  nted  Water  3.195
12 1/4 8 3/4 6 3/4"  Operate to sum Gallum in plant FORMATION  Cliff House Point Lookout	9 5/8 7" 4 1/2  tor plans to direct d	24# 30# 10.5 # rill 1400' mud he ill 6 3/4 hole to If productive 4 mulate as require ESTIMATED TO: 100' 1590'	100' 1400' 3100' ole and set 7" co T.D. Run logs 1/2" liner will ed for economica PS DEPTH  San San San San San San San San San Sa	asing and cemen and evaluate be run and ceme l production.  CONTENT  d Water d Gas & d & Shale Oil	Circulate Circulate 1300'  t  nted  Water  3.1954
12 1/4 8 3/4 6 3/4"  Operate to sum Gallum in plate FORMATION  Cliff House Point Lookout Gallup	9 5/8 7" 4 1/2  tor plans to derface. Air dereformation. ace. Will stim	24# 30# 10.5 # rill 1400' mud he ill 6 3/4 hole to If productive 4 mulate as require ESTIMATED TO: 100' 1590' 2369'	100' 1400' 3100' ole and set 7" coor.D. Run logs 1/2" liner will ed for economical PS DEPTH  San San San San Sun San San San San San San San San San Sa	asing and cemen and evaluate be run and cemen l production.  CONTENT  d Water d Gas & d & Shale Oil	Circulate Circulate 1300'  t  nted  Water  5.1964
12 1/4 8 3/4 6 3/4"  Operate to sure Gallup in plate FORMATION  Cliff House Point Lookout Gallup	9 5/8 7" 4 1/2  tor plans to derface. Air drive formation. ace. Will stim	24# 30# 10.5 # rill 1400' mud he ill 6 3/4 hole to If productive 4 mulate as require ESTIMATED TO:  100' 1590' 2369'	100' 1400' 3100' ole and set 7" coo T.D. Rum logs 1/2" liner will ed for economical PS DEPTH  San San San San VNLESS EPLO AV VNTESS	asing and cemen and evaluate be run and cemen l production.  CONTENT  d Water d Gas & d & Shale Oil	Circulate Circulate 1300'  t  nted  Water  5.1964
12 1/4 8 3/4 6 3/4"  Operate to sum Gallum in plate FORMATION  Cliff House Point Lookout Gallup	9 5/8 7" 4 1/2  tor plans to derface. Air drive formation. ace. Will stim	24# 30# 10.5 #  rill 1400' mud he ill 6 3/4 hole to If productive 4 mulate as require  ESTIMATED TO  100' 1590' 2369'	100' 1400' 3100' ole and set 7" co T.D. Run logs 1/2" liner will ed for economica PS DEPTH  San San San Sun San Sun Sun Sun Sun Sun Sun Sun Sun Sun Su	asing and cemen and evaluate be run and cemen l production.  CONTENT  d Water d Gas & d & Shale Oil	Circulate Circulate 1300'  t  nted  Water  5.1964
12 1/4 8 3/4 6 3/4"  Operate to sum Gallup in plate FORMATION  Cliff House Point Lookout Gallup  ABOVE SPACE DESCRIBE PROCEEDING SPACE DESCRIPTOR	9 5/8 7" 4 1/2  tor plans to direct Air drip formation. ace. Will stim	24# 30# 10.5 # rill 1400' mud he ill 6 3/4 hole to If productive 4 mulate as require ESTIMATED TO:  100' 1590' 2369'	100' 1400' 3100' ole and set 7" co T.D. Run logs 1/2" liner will ed for economica PS DEPTH  San San San Sun San Sun Sun Sun Sun Sun Sun Sun Sun Sun Su	asing and cemen and evaluate be run and cemen l production.  CONTENT  d Water d Gas & d & Shale Oil	Circulate Circulate 1300'  t  nted  Water  5.1964
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Operate to sur Gallup in plate FORMATION  Cliff House Point Lookout Gallup  ABOVE SPACE DESCRIBE PROVIDED TO SELECTION CONTROLOGY PROVED BY	9 5/8 7" 4 1/2  tor plans to direct Air drip formation. ace. Will stim  Proceed Programs  The procedure of t	24# 30# 10.5 # rill 1400' mud he ill 6 3/4 hole to If productive 4 mulate as require ESTIMATED TO:  100' 1590' 2369'  2369'  Proposal is to best of my kn Operator	100' 1400' 3100' ole and set 7" co T.D. Run logs 1/2" liner will ed for economica PS DEPTH  San San San San VILLESS SPUD NA VI	asing and cemen and evaluate be run and cemen l production.  CONTENT  d Water d Gas & d & Shale Oil  CONTENT SANGER CONTENT  Date 12-	Circulate Circulate 1300'  t  nted  Water  5.1964