.

JUN, 1.1998_ 6:36AM, B.O.T. HOBBS, NM	ware	CASI	Ng,	NO. B17	UPPER TUBING	JOWER
WELL NAME State A		BIZE	7"	5 1/2	23/8	2.3/8
FIELD ,		WEIGHT	2.0" ##	15.5-20	4.7	4.7
COUNTY Lea		GRADE			NI-80	3-55-
CH STATE NM	<u> </u>	THREAD			BU Sev	1 Eu Stal
DATE 05-29-78		DRPTH		70P 5985		
09 DESCRI	TION DS-22-	85 11	MAX, O.D. Nohes	MIN. I.D. INCHES	LENGTH	DEPTH FERT
1 2-18 Eugral Wiral	inc Entry & Catina Nip	uide.		1.815	1 . 40	6345.49
58					9.97	6344,15
27 - B 4 219 208 ABFC Se	sating Nip	ole		L.87 P	.92	6333.27
25	V-80 SUD 2-14 BU 800			1486		6325.29
13Pin X-OVEC 13						8322.79
2- 1 2 9 45 A4 Retrieval	DB Lok-Set				tentini antisi anti	6317:18
AS AI 40-16 Model \$ 22	Anchor Sea 1011 Scalu	2				6309.55
21	N-20 Tubin Madel AS	P			341.47	5768.14
82 A4 Sty Bullo	N-80	Karker			5957.00	\$957.00
BI-A2 Short S	tring as-19	-78			6 , 3	0000 5968.14
BLIEBRY O	dating NiP	0/e		1.818	.92	5766.81 6208.87
6214 C AI CI 82TO JUSS IN TOP		2.68 3		1.000	1.54.87	5956.00
C3 I"PIN Downw/24	Sub Hecusi	Pin 2 105552	.938	.769 1,995	73	5757.65
Pkr C 6317' B-8 C5 Blank Plus W/8 C6 25+3 218 Euger	JSS TURING	in 2	,138	N/A 1.995	.76	5744.7/
CT 4Ft Parterated	Sub 218 Eu Sid	3755 2 2	.938	1.995	3,97	5879.89
69 188 5+ LYP EUSTRA	5-55 Tubing Sub	2	-938 -938	1.995	5850.60 10,15	28.19
6 <u>A11 10 Ft EU 80 J J-55</u> C12 JET EU 80 J J-55		2	- 938 . 938	1.995	10.12	<u> </u>
6674 The AND AND DEST	sub		,938	1.995	3.97	00.00
Drinkundo						
6436 PREPARED FOR TOMMY	Willyard	/				
	01 01	PICE HO	663	NM	PHONE 505-3	27-4147
PACKLE COMPLETION ST	RSS ISTEMS	P P P TELEPH	OX 30+8 + 1 10NE 1713[	ATION BOULE HOUSTON, TE 923-9351 - TE L TOOLE OOM	1245 77001 1254 76-2833 1249 76-2833	70.151N (11/75

en antica <u>de sec</u>reta en est

MARTINE COLLEGE COMPANY AND



A Subsidiary of John West Engineering Company, Inc.

412 N. DAL PASO HOBBS, NEW MEXICO 88240

Collins & Ware, Inc. Packer leakage test on the State A #5, Lea County, NM

Well shut in October 25, 1998 at 7:30 AM.

October 26, 1998 <u>9 AM Test tubing pressure w/dead weights</u>	Pumping 395 psi	Flowing 539 psi
11 AM Test tubing pressure w/dead weights	432 psi	<u>549 psi</u>
12 AM Test tubing pressure w/dead weights	<u>434 psi</u>	<u>551 psi</u>
<u>1 PM test tubing pressure w/dead weights</u> Dead weight tests performed with casing valve	441 psi open.	<u>554 psi</u>

Start 24 hour test with Blinebry side open and pumping. Casing closed.

October 27, 1998 <u>1 PM Test tubing pressure w/dead weights 43 psi gauge 609 psi</u> Pressure on pumping side dropped down because casing valve was shut causing fluid to fill above bottom of pumping tubing causing pressure drop. Shut down pumping unit and close pumping side.

44 psi gauge 610 psi

Start 24 hour shut in period. Casing closed.

October 28, 1998 Pumping Flowing <u>1 PM Test tubing pressure w/dead weights 62 psi gauge 646 psi</u> Tests performed with casing valve closed.

Start 24 hour test on flowing side. Casing closed.

October 29, 1998	Pumping	Flowing
<u>1 PM Test tubing pressure w/gauge</u>	48 psi	58 gauge
Casing valve was closed.		

Test completed. Take well off of test.

Dead weight unit 50 to 5,000 PSI range, Serial # 9856. Pressure recorder 0 to 5,000 PSI range, Serial # M6033.

annamalu

Robert Sonnamaker, West-Test, Inc. Manager

#### STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

#### Page 1

This form is not to De used for reporting packer leakage tests in Northwest New Musico

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### SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator	11:	- T	Lease	Chata				Well No. 5
	llins & War	isec.	17wp.	<u>State</u>			County	1
LOCATION OF WELL	Δ	32	18 South		38 Eas	17	Le	а
	NAME C	IF RESERVOIR OR POOL	TYPE OF PROD.		OF PROD.	PROD. MED (Tog or Ca		CHOKE SIZE
Upper Compl.	Blinebry		Oil	Art.	Lift	Tbg		Open
Lower Compl.	Drinkard		Gas	Flow		Tbg.		Open
			FLOW TEST NO	D. 1				- 、
oth zones	shut-in at (hour	, dase):7:30 A.M.	October 25,	1998				
Cell opene	d 21 (hour, d=1e)	1:00 P.M.	October 26,	1998	Co	Upper impletion		Lower Completion
ndicate by	(X) the zone pro	oducing				<u>X</u>		
•						441		(With o 554 open)
abilized?	(Yes or No)	••••••			••••	Yes		Yes
aximum p	pressure during t	cst			· • • • <u> </u>	435		609
់លាំភារភា ជ	oressure during t	cst				43	_	554
essure at c	onclusion of test				· · · · <u>- · ·</u>	43		609
essure cha	nge during test	(Maximum minus Minimu	m)		···	392		<u>55</u>
as pressur	e change an incr	case of a decrease?			De	ecrease		ecrease
cll closed	21 (bour, a'zse): _	1:00 PM October 2	27, 1998 Produc	Time On Trion	. 24	Hours		
il Producti uring Test	ion ::2	bbls; Grav40.9	Gas Pr During	oduction 3 Test	62	MCF; G	OR3	31,000
marks:	Pumping s	ide logged off with	fluid.					
								•
		<u> </u>		. <u> </u>				
							· · · · · · · · · · · · · · · · · · ·	<u> </u>

(Continue on reverse side)

## SOUDIEAST NEW MENICO PACKER LEALAU

FLOW TEST NO. 2

Well opened at (hour, date): <u>1:25 PM October 28, 1998</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing	<i>z</i>	646
Pressure at beginning of test	Yes	Yes
Stabilized? (Yes or No)	62	646
Maximum pressure during test		58
Minimum pressure during test		58
Pressure at conclusion of test		588
Pressure change during test (Maximum minus Minimum)	Decrease	Decrease
Was pressure change an increase or a decrease?	24 Hours	
Well closed at (bour, date):       1:15 PM October 29, 1990 production         Oil Production       Gas Production         During Test:       1         bbls;       Grav.         40.9       ;         During Test:       20	3 MCF; GOR	203,000
Rcmarks:		

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

	Operator <u>Collins &amp; Ware, Inc.</u>
Approved New Mexico Oil Conservation Division	By Robert Sonnamaker
<del></del>	Tide West-Test, Inc., Manager
By	11-4-98
Tide	

### SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packet leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well, and annually thereafter as prewitibed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracrure treatment, and whenever remedial work has been done on a well during which the packer or the rubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.

At least 72 bours prior to the commencement of any packet leakage test, the operator shall accify the Division in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.

3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the well-head pressure in each has stabilized and for a minimum of two hours thereatter, provided however, that they need not remain thut in more than 24 hours

4. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains that in. Such test shall be continued until the flowing wellbead pressure has become stabilized and for a minumum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.

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5. Following completion of Flow Test No. 1, the well shall again be shur-in, in accordance with Paragraph 3 above.

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6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except that the previously produced zone shall remain shut-in while the previously shut-in zone is produced.

7. All pressures, throughout the ensure test, shall be continuously measured and recorded with recording pressure gauges, the accuracy of which must be checked with deadweight tester at least twice, once at the beginning and once at the end, of each flow test.

8. The results of the above described resu shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Division on Southeast New Mexico Packer Leskage Tex Form Revised 11-01-38, together with the original pressure recording gauge chara with all the deadweight pressures which were taken indicated thereon. In lieu of filing the aforesaid chard, the operation may construct a pressure versus time curve for each tone of each tert. indicating thereon all pressure changes which may be reflected by the gauge charts as well as all dealweight pressure readings which were taken. If the pressure curve is submitted. the original char: must be permanently filed in the operator's office. Form C-116 shall also accompany the Parker Leakage Tes. Form when the test period consules with a gas-oil ratio sest period.









	LEA	FIELD HO	bbs	STA	TE NM 30-025	<u>- 116</u>
COUNTY		HESS CORP.			MA	P
OPR		e "A"				
	5 5Lale	T-18-S, R-38	3-Е		CO-OF	۹D
	56C J2,	L, 660' FEL C	of Sec.			
	Spd 4-2			CLASS		
	Cmp 7-1		FORMATION	DATUM	FORMATION	DATUM
csc a s 11 3/	с.т <b>ив</b> імс 4" at 38	1' w/730 sx				
8 5/8	" at 379	8' w/390 sx				
51/1 8	7" 1nr	3701-6998' w	351 sx			
52 0						
	EL GR RA	IND HC A	TD 8044';	PBD 6954	1	
		Perfs 5905-	57' S 212 B(	PD + 860	BW. Pot bas	sed on
IP (I	Silnebry)	Peris 5905- OR TSTM, Grav	37 8 CP 12	25#. TP ₽	'kr	
6 hr	test, Gu	ok isim, Glav	J7.0, 01 1.	<b>.</b> ,		
		Perfs 6674-	6036' F 36 F	30PD + 8	BW, Pot bas	ed on
IP (l	)rinkard)	ru 20/64" ch	1- COP 27 7	50 Grav	37. CP Pkr.	TP 540#
24 hi	r test th	nru 20/64 ch	K, GOR 27,7-	<i>,</i>	5,, 02 5,	
		Distribution limited an Reproduction rights r	d publication prohibit	ed by subscribe & Lee Scouting	rs' agreement. Service, Inc.	
	Leather		COCLUCI NJ TI LINGEN S	PROP DEPT	<u>н 6100'т</u>	YPE RT
CONT.	Leatner	wood				

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F.R. 4-29-69; Opr's Elev. 3649' GL, 3660' DF PD 6100' RT (Blinebry) Contractor - Leatherwood AMEND OPERATOR, Formerly reported as Amerada 8-14-69 Pet. Corp. Drlg. 2895' anhy & 1m 4-28-69 Dr1g. 4231' 5-5-69 Drlg. 6016' lm 5-12-69 TD 6980'; Circ 5-19-69 DST 6860-6980', open 2 hrs 15 min, rec 279' OCDM (8% oil), 40 min ISIP 2450#, FP 107-217#, 1 hr FSIP 2740#, HP 3266-3248# Drlg. 7872 1m 5-26-69 DST 7230-7355', open 4 hrs, rec 120' SOCM, 36 min ISIP 703#, FP 122-122#, 2 hr 15 min FSIP 1314#

LEA NM Sec 32 T-18-S, R-38-E Hobbs AMERADA HESS CORP. #5 State "A" Page 2 5-26-69 Continued DST (W1fc) 7730-7872', open 4 hrs 3 min, rec 690' mud, 540' sul wtr, rev out 4906' sul wtr, ÿĘ NS, 30 min ISIP 2919#, FP 1392-2823#, 2 hr 15 min FSIP 2922# 1 6-2-69 TD 8044' granite; PBD 6954'; WO Cmp TD 8044'; PBD 6954'; Tstg 6-9-69 Perf 6926-36' w/2 SPF Acid (6926-36') 1500 gals Í Flwd 11 BO + 6 BW in 5 hrs, 3/4" chk, CP 680#, TP 50# (6926-36') Acid (6926-36') 3000 gals Flwd 81 BO + 10 BW in 24 hrs, 3/4" chk, CP 610#, TP 100# (6926-36') 6-16-69 TD 8044'; PBD 6954'; Tstg

Perf 6674-98' w/2 SPF Acid (6674-98') 2500 gals Flwd 27 BO + 16 BFW in 6 hrs (6674-98') Perf 6534-38', 6542-46', 6549-52', 6556-60', 6564-68' w/2 SPF Acid (6534-68') 100 gals Flwd 41 BO + 62 BW in 23 hrs, 1/4" chk, TP 740# (6534-68')	
Acid (6674-98') 2500 gals Flwd 27 BO + 16 BFW in 6 hrs (6674-98') Perf 6534-38', 6542-46', 6549-52', 6556-60', 6564-68' w/2 SPF Acid (6534-68') 100 gals Flwd 41 BO + 62 BW in 23 hrs, 1/4" chk, TP 740# (6534-68')	
Flwd 27 BO + 16 BFW in 6 hrs (6674-98') Perf 6534-38', 6542-46', 6549-52', 6556-60', 6564-68' w/2 SPF Acid (6534-68') 100 gals Flwd 41 BO + 62 BW in 23 hrs, 1/4" chk, TP 740# (6534-68')	
Perr 6534-38', 6542-46', 6549-52', 6556-60', 6564-68' w/2 SPF Acid (6534-68') 100 gals F1wd 41 BO + 62 BW in 23 hrs, 1/4" chk, TP 740# (6534-68')	
F1wd 41 BO + 62 BW in 23 hrs, 1/4" chk, TP 740# (6534-68')	
F1wd 41 BO + 62 BW in 23 hrs, 1/4" chk, TP 740# (6534-68')	
A state of the second	
Acid (6534–68') 2500 gals	
F1wd 46 BO + 12 BW in 24 hrs, 1/4" chk, TP 340# (6534-68')	
6-23-69 TD 8044'; PBD 6954'; SI	
Sqzd 6534-68' w/75 sx	
Perf (Blinebry) @ 5905', 5907', 5911', 5918',	
5922', 5926', 5930', 5935', 5954', 5957' w/2 SPI	-

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LEA AMERADA	Hobbs NM Sec 32, T-18-S, R-38-E HESS CORP. #5 State "A" Page 3	
6-23-69	Acid (5905-57') 3000 gals Flwd 65 BO + 7 BW, various chks, in 3 hrs, TP 40-80#	e a tipe d'éle
6-30-69	and the pape (OF(), ST (Drinkard)	
7-7-69	TD 8044'; PBD 6954'; SI F1wd 13 BO + 4 BW in 11 hrs thru 20/64" chk, gas @ 999 MCFGPD, TP 535#	
7-29-69		
8-5-69		
8-11-69	9 ID 6044, IDD 6751, COLLER	

8-11-69 Continued LOG TOPS: Anhydrite 1535', Base Salt 2354', Yates 2630', Seven Rivers 2727', Queen 3353', San Andres 3995', Glorieta 5348', Blinebry 5735', Tubb 6418'
8-14-69 COMPLETION REPORTED

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Submit to Appropriate District Office State Lanse - 4 copies Fee Lanse - 3 copies

DISTRICT 1 P.O. Box 1980, Hobbs, NM \$8240

DISTRICT II P.O. Drawer DD, Artesia, NM \$\$210

#### State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89 1

# OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

Refer Order No. R-9696.

DISTRIC	ТШ					
1000 Rio	Brazos	Rd.,	Aztec,	NM	\$7410	

## WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Amerada				Lase			Well No.	
	Hess Corp	poration		State "	A''		5	
his Lotter	Section	Township		Range		County		
<u>A</u>	32	185	)	38E			Lea	
ctual Footage Loc	sation of Well:					NMPM		
660	feet from the	North	liae and	660		eet from the East	st	
round level Elev.	Pn	oducing Formation		Pool	·	eat nom me	Dedicated Acreage	<u> </u>
3648'		Blinebry		Hobbs	s-Lower		80	
1. Outlin	is the acreage de	dicated to the subje	act well by colored per	acii or hachure ma	rits on the plat below.			Acres
3. If more unitiza	re than one lease ation, force-poolis Yes	of different owners ng, etc.?	whip is dedicated to the	e well, have the ini	erest of all owners been	a consolidated by		
No allow	able will be again	med to the well un					coling, or otherwise)	
		in, containing and	meres, ms sees spy	roved by the Divi				
						I her contained A best of my k Signature Printed Nam R. L. 1 Position SUDV. A Company Amerada Date 7-31-92	Wheeler, Jr. Adm. Svc. a Hess Corpora	tion
						-		TION
·						l hirreby cei on this plat actual surve supervison, correct to belief. Date Survey Signature & Professional	Seal of Surveyor	ion sho i notes under s true a
						I hirreby cei on this plat actual surve supervison, correct to bellief. Date Survey Signature &	was plotted from field ryst made by me or and that the same is the best of my know ed Seal of Surveyor	ion sho i notes under i true a

OCD HOBBS OF

AUG 0 3 1992

RECEIVED

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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			t be from the en	and the second se			0. C. C.		E .
	PETROLEUM		·		STATEUC 18	1 1.0	AH '69	II No. 5	•
A Sec	tion. 32	Township	Ran	•	County		HH - 69		
tual Footage Location		18 South	3	88 East		Lea	. <b>-</b> '		· .
660 te	et from the No	orth line	-	660					
ound Level Elev:	Producing Form		and Pool	660	leet from the	East	line		
361.91	Bertinic	and	Hoht	be Drinka	-		Dedicated	-	
1. Outline the ac	reage dedicat	ed to the subject	t well by co	lored peneil					Acres
2. If more than of interest and ro	one lease is ( yalty).	dedicated to the	well, outline	e each and id	lentify the ov	vnership t	he plat bel hereof (bo	ow. th as to r	working
3. If more than on dated by comm	e lease of dif unitization, un	ferent ownership itization, force-po	is dedicated poling. etc?	d to the well	, have the in	terests of	all owner	s been c	onsoli-
		wer is "yes," typ							
this form if nec	essary.)	vners and tract de	escriptions v	which h <b>ave</b> a	ctually been	consolida	ited. (Use	le verse	nida at
No allowable wi	II be assigned	to the well must	-11						
forced-pooling, o	r otherwise) of	to the well until until a non-stand	all interests	have been	consolidated	(by com	nunitizatio	n, uniti	ation.
sion.			,	maind ting su	ca interests,	has been	approved	by the Co	omnis-
		Order # 1							
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