I, J. C. Slevins, Jr. being of lawful age and being the Assistant District Superintendent for TEXACO Inc., do state that the deviation record which appears on this form is true and correct to the best of my knowledge.

Subscribed and sworn to before me this 3/ day of Following 197 /.

My Commission expires February 24, 1973 B. F. Hohimer - Notary Public, in and for Lea County, State of New Mexico

Lease New Mexico "D" State NCT-1 Well No. 5

DEVIATION RECORD

DEPTH	DEGREES OFF
450	7 / 4
950	3/4
1444	3/4
1650	3/4
2140	3/4
2675	1
3081	1 1/2
3638	2
4480	3/4
4720	1/2
4930	1 1/4
5432	1
	1
5956	1 1/4
6443	1 1/4
7050	1
7600	3/4
7740	3/4
მ260	1 1/4
8830 T.D.	1 1/4
	1 1/4

NO. OF COPIES RECEIVED	,							Form C		
DISTRIBUTION			_						d 1-1-65	
SANTA FE		NEW	MEXICO OIL CON	VSERVATIO	N COM	MISSION		5a. Indicate		
FILE	w		ETION OR RECO				D LOG	State		Fee
U.S.G.S.								5, State Oi		use No.
LAND OFFICE								B-143	- 3	
OPERATOR										
								777777		
la. TYPE OF WELL		-						7. Unit Agr	eement Na	ne.
h	OIL WELL	X GAS WELL	DRY	OTHER				0 5	T NI	
NEW WORK		PLUG	DIFF.	ł				8, Farm or		
well A over		BACK	RESVR.	OTHER				New Mex		
TEXACO Inc.								5		NCT-1
3. Address of Operator	** **							10. Field a	=	
P.O. Box 728	- Hobbs, Ne	W Mexico	88240					Vacuum /	Abo Nor	th
4. Location of Well										
n	,	:60	Manali.		,					
UNIT LETTER U	LOCATED	DOU FEET F	FROM THE North	LINE AN	<u> </u>	60 _{FE}	ET FROM			
South I seem				11111		XIIII	/////	12. County		
THE LINE OF S	EC. 2/ TM	VP. 1/-5 RG	1E. 34-E. NMPM		7777	X/////	777777	Lea		
			Compl. (Ready to 1	<i>Prod.</i>) 18.			KB, RT, C	R, etc.) 19.		hinghead
10-22-71	11-18-71		1-25-71		4049				4049	· · · · · · · · · · · · · · · · · · ·
20. Total Depth 8830 '		Back T.D. 3800 °	22. If Multipl Many S	^{le Compl.,} H ingle	ow 2:	3. Intervals Drilled E	⊢Rotar >y i > !	8830'	Cable '	rools (
24. Producing Interval(s) 2 JSPI 8707', 8 69', 70', 71',	, of this completi 8', 9', 25' 79' and 87	on — Top, Botton ', 26', 27' '80'.	n, Name ', 32', 33' ,	341, 36	51, 38	8', 61'	, 62',	63',	Made	rectional Survey
26. Type Electric and Ot Dual Laterole		all Neutron	Porosity L	.og				27. \	Vas Well Co No	ored
28.		CA.	SING RECORD (Rep	oort all string	s set in	well)			· · · · · · · · · · · · · · · · · · ·	
CASING SIZE	WEIGHT LB./			LE SIZE	1		ING REC	ORD	AMO	UNT PULLED
8-5/8"				11"	550 6			el & 20		
	74		70	* *						
0-0/0	24	10.			ey '		ract		U	-0-
			20.	7_7/QH	sx '(U	
5-1/2"	17	883	30'	7-7/8"	2150	SX TLW		sx 'C'	U	-0-
5-1/2"	17	883	30'	7-7/8"	2150 w/10#	sx TLW S/sx.	+ 300	sx 'C'		
5-1/2"	17	883			2150 w/10#	sx TLW S/sx.	+ 300	SX 'C'	CORD	-0-
5-1/2"	17	883	SACKS CEMENT	7-7/8 ^H SCREEN	2150 w/10#	sx TLW S/sx.	+ 300	sx 'C'	CORD	
5-1/2"	17	883			2150 w/10#	sx TLW S/sx.	+ 300	SX 'C'	CORD	-0-
5-1/2" 29. SIZE	17 LI TOP	883 NER RECORD BOTTOM	SACKS CEMENT	SCREE	2150 w/10 1	SX TLW S/SX.	+ 300	SX 'C' TUBING REC	CORD	-0- CKER SET
5-1/2" 29. SIZE 31. Perforation Record (7 2 JSPI 8707)	TOP LI	NER RECORD BOTTOM	sacks cement	SCREEN	2150 w/10# 30 ACID,	SX TLW S/SX.	+ 300	SX 'C' TUBING REC	ORD PA	-0- CKER SET
5-1/2" 29. SIZE 31. Perforation Record (12 JSPI 8707, 381, 361, 381,	TOP LI	NER RECORD BOTTOM	sacks cement	SCREEN 32. DEPT	2150 w/10# 30 ACID,	SX TLW S/SX.	+ 300	USX C' TUBING RECEPTH SET CEMENT SG JNT AND KI	ORD PA QUEEZE, E	-0- CKER SET TC.
5-1/2" 29. SIZE 31. Perforation Record (12 JSPI 8707)	TOP LI	NER RECORD BOTTOM	sacks cement	SCREEN	2150 w/10# 30 ACID,	SX TLW S/SX.	+ 300	SX 'C' TUBING REC	ORD PA QUEEZE, E	-0- CKER SET TC.
5-1/2" 29. SIZE 31. Perforation Record (1) 2 JSPI 8707 34', 36', 38',	TOP LI	NER RECORD BOTTOM	sacks cement	SCREEN 32. DEPT	2150 w/10# 30 ACID,	SX TLW S/SX.	+ 300	USX C' TUBING RECEPTH SET CEMENT SG JNT AND KI	ORD PA QUEEZE, E	-0- CKER SET TC.
5-1/2" 29. SIZE 31. Perforation Record (1) 2 JSPI 8707 34', 36', 38',	TOP LI	NER RECORD BOTTOM	sacks cement	SCREEN 32. DEPT	2150 w/10# 30 ACID,	SX TLW S/SX.	+ 300	USX C' TUBING RECEPTH SET CEMENT SG JNT AND KI	ORD PA QUEEZE, E	-0- CKER SET TC.
5-1/2" 29. SIZE 31. Perforation Record (1 2 JSPI 8707 34', 36', 38', 79', 8 8780'.	TOP LI	NER RECORD BOTTOM	SACKS CEMENT ', 32', 33', 70', 71',	SCREEN 32. DEPT	2150 w/10# 30 ACID,	SX TLW S/SX.	+ 300	USX C' TUBING RECEPTH SET CEMENT SG JNT AND KI	ORD PA QUEEZE, E	-0- CKER SET TC.
5-1/2" 29. SIZE 31. Perforation Record (12 JSPI 8707 34', 36', 38', 79', & 8780'.	17 TOP 17 17 17 17 17 17 17 1	883 NER RECORD BOTTOM **Parameter**, 27** 63**, 69**,	SACKS CEMENT ', 32', 33', 70', 71',	32. DEPT 3707-8	2150 w/10#	SX TLW S/SX.	+ 300	USX C' TUBING REC PTH SET CEMENT SG JNT AND KI Gals 20	ORD PA QUEEZE, E	TC.
5-1/2" 29. SIZE 31. Perforation Record (12 JSPI 8707 34', 36', 38', 79', & 8780'.	TOP LI TOP (nterval size and 8', 25', 25', 61', 62',	883 NER RECORD BOTTOM **Parameter**, 27** 63**, 69**,	SACKS CEMENT ', 32', 33', 70', 71', PROD wing, gas lift, pump	32. DEPT 3707-8	2150 w/10#	SX TLW S/SX.	+ 300	CEMENT SO JUNE AND KI	CORD PA QUEEZE, E ND MATER	TC.
5-1/2" 29. SIZE 31. Perforation Record (12 JSPI 8707 34', 36', 38', 79' & 8780'.	TOP LI TOP (nterval size and 8', 25', 25', 61', 62',	NER RECORD BOTTOM number), 27, 26, 27, 63, 69, ,	PROD wing, gas lift, pump X 144" Prod'n. For	32. DEPT 3707-8	ACID, HINTER 8780 L	SX TLW S/SX.	+ 300	CEMENT SO JUNE AND KI	CORD PA QUEEZE, E ND MATER Retar	-0- CKER SET TC. HAL USED Ched
5-1/2" 29. SIZE 31. Perforation Record (12 JSPI 8707, 13 8780, 14 8780. 33. Date First Production 11-25-71 Date of Test 12-4-71	nterval, size and 8', 9', 25' 61', 62', Produce Pump Hours Tested 24	NER RECORD BOTTOM number), 27, 26, 27, 63, 69, ction Method (Flo	PROD wing, gas lift, pump X 144" Prod'n. For Test Period	32. DEPT 3707-8 DUCTION ping = Size a	ACID, HINTER 3780 and type 1	SX TLW F S/SX. SIZE SHOT, FRA (VAL 1	+ 300	CEMENT SO JUNE AND KI Gals 20	CORD PA QUEEZE, E ND MATER PA RC tar as (Prod. or	-0- CKER SET TC. RIAL USED Coded Shut-in)
5-1/2" 29. SIZE 31. Perforation Record (12 JSPI 8707, 13 8780, 14 8780. 33. Date First Production 11-25-71 Date of Test 12-4-71	nterval, size and 8', 9', 25' 61', 62',	NER RECORD BOTTOM number), 27, 26, 27, 63, 69, ction Method (Flo	PROD wing, gas lift, pump "X 144" Prod'n. For Test Period 4- Oil – Bbl.	32. DEPT 3707-8 DUCTION Ding = Size a	ACID, HINTER 3780 and type 1	SX TLW S/SX. SIZE SHOT, FRA VAL 1 1 1 1 1 1 1 1 1 1 1 1 1	+ 300	CEMENT SG JNT AND KI Gals 20 Well State Preser — Bbl. 3	CORD PA QUEEZE, E ND MATER Retar as (Prod. or od . Gas - Ol. 54	-0- CKER SET TC. RIAL USED Coded Shut-in)
5-1/2" 29. SIZE 31. Perforation Record (12 JSPI 8707, 34', 36', 38', 79' & 8780'. 33. Date First Production 11-25-71 Date of Test 12-4-71 Flow Tubing Press.	nterval size and 8, 9, 25 61, 62, Produce Pump Hours Tested 24	NER RECORD BOTTOM Point of the state of the	PROD wing, gas lift, pump X 144" Prod'n. For Test Period	32. DEPT 3707-8 DUCTION ping = Size a	ACID, HINTER 3780 and type 1	SX TLW S/SX. SIZE SHOT, FRA VAL 1 1 1 1 1 1 1 1 1 1 1 1 1	+ 300 DE ACTURE, AMOI 0,000	CEMENT SG JNT AND KI Gals 20 Well State Proper — Bbl. 3	CORD PA QUEEZE, E ND MATER A Retar as (Prod. or od.) Gas—Oil Gravity— 39.	-0- CKER SET TC. SIAL USED Coled Shut-in) Ratio 5 API (Corr.)
5-1/2" 29. SIZE 31. Perforation Record (12 JSPI 8707, 13 34', 36', 38', 79' & 8780'. 33. Date First Production 11-25-71 Date of Test 12-4-71	nterval size and 8, 9, 25 61, 62, Produce Pump Hours Tested 24	NER RECORD BOTTOM Point of the state of the	PROD wing, gas lift, pump "X 144" Prod'n. For Test Period 4- Oil – Bbl.	32. DEPT 3707-8 DUCTION ping = Size a	ACID, HINTER 3780 md type i	SX TLW S/SX. SIZE SHOT, FRA VAL 1 1 1 1 1 1 1 1 1 1 1 1 1	+ 300 DE ACTURE, AMOI 0,000	CEMENT SG JNT AND KI Gals 20 Well State Preser — Bbl. 3	CORD PA QUEEZE, E ND MATER A Retar as (Prod. or od.) Gas—Oil Gravity— 39.	-0- CKER SET TC. SIAL USED Coled Shut-in) Ratio 5 API (Corr.)

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED ASST. District Supt.

DATE 12-6-71

M TH CHARGE

This form is to be filed with the appropriate District Office of the Completion not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by bial caption 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 34 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 106.

INDICATE FORMATION TOPS IN CONTORNANCE WITH GEOGRAPHICAL SECTION OF STATE Southeastern New Mexico Northwestern New Mexico

	Southeastern New Mexico				normwestem New Mexico				
					Ojo Alamo				
T.	Salt1720	T.	Strawn	T.	Kirtland-Fruitland	T.	Penn. "C"		
		T.	Atoka	T.	Pictured Cliffs	T.	Penn. "D"		
T.	Yates 2860	T.	Miss	T.	Cliff House	T.	Leadville		
T.	7 Rivers	Ţ.	Devonian	T.	Menefee	T.	Madison		
T.	Queen	T.	Silurian	T.	Point Lookout	T.	Elbert		
					Mancos				
							Ignacio Qtzte		
T.	Glorieta 6195	T.	McKee	Bas	se Greenhorn	T.	Granite		
T.	Paddock	T.	Ellenburger	T.	Dakota	T.			
T.	Blinebry	Т.	Gr. Wash	т.	Morrison	T.			
T.	Tubb	T.	Granite	T.	Todilto	T.			
T.	Drinkard	T.	Delaware Sand	T.	Entrada	T.			
T.	Abo 8185	T.	Bone Springs	T.	Wingate	T.			
T.	Wolfcamp	T.		T.	Chinle	T.			

FORMATION RECORD (Attach additional sheets if necessary)

T. Permian _

T. Penn. "A"______T.

_____ T. _

T Cisco (Bough C)_____ T.

From	То	Thickness in Feet	Formation	From	То	Thickness in Feet	Formation
-0- 675 1650 2780 3081 8700	675 1650 2780 3081 8700 8830	975 1130 301 5619	Red Bed Anhy. Salt & Anhy. Anhy. Lime Lime & Shale				
. •							
	·		·				
•							

Denver Region

County:

State:

OU:

GWI:

NVAWU #15

Report: 120

2/14/98

O 1997 Texaco Inc. - All Rights Reserved **COMPLETION REPORT** Proprietary Information of Texaco Inc.

Field: **VACUUM ABO**

LEA

NM **HOBBS**

Well Type: OIL

To

¥10,266

10,303

Activity: SI-W.O. SERV. RIG TD:

4,049

10266 PBTD: Class:

10,266 WC

WORK DESCRIPTION

Spud Date: 10/6/97

CD: 84

API No: 30-025-23905-00-Estimate No: 673704

Supervisor: GIBBS / LOCKLAR

Phone: (505) 393-4994

Contractor:

Compl Date: 1/5/98

Zone

NE ABO

SW ABO

FLUIDS	TUB	ING
Туре:	Actual Size	Actual MD
Weight:	2.875	8,568
Vis:	3.500	0
CL:		

8,545

8,622

5.00 MIRUPT'S (DOWELL) 2.75

Objective: ABO

Lithology:

FRAC THE ABO FORMATION - NE LATERAL - 8626-10303

BOP Days: 14

2.75 **TDMOPTS**

KB:

GL:

10.75 FLOW TEST THE ABO NE LATERAL

2.75 WELL IS SI

24.00

TOTAL HOURS

PACKERS						
Depth	Model					
6,298	BAKER RPB					
8,536	TOP OF WINDOW					
8,540	WHIPSTOCK KEY HOLE					

PERFS

ESTIMATE COSTS							
	МОН	Cash	Totals				
DH:	\$0	\$0	\$0				
Compl:	\$0	\$793000	\$793000				
Total:	\$0	\$793000	\$793000				

ACTUAL COSTS							
	МОН	Cash	Totals				
DH:	\$2000	\$388106	\$390106				
Compl:	\$0	\$252314	\$252314				
Total:	\$2000	\$640420	\$642420				
Daily:	\$0	\$138192	\$138192				

REMARKS

TOT. LOAD - 5141 BBL'S. FLOW TESTED WELL 8 HRS. & FLOW CEASED. SI 2-1/2 HRS. & BUILT UP TO ONLY 60 PSI. FLOWED 1/4 HR. ON 24/64" CHOKE MAKING 5 BLW AND THE WELL DIED. SI

		STIMU	ILATION REPORT		
Job Number:	1	Date:	2/14/98	Formation:	ABO
Description:	100000 GLS. ACID FRAC	W112500 GLS. GE	LLED WATER	Service Co.:	DOWELL
			Acidize		
Acid Type:	15% HCL	Min PSI:	0	ISIP:	0
Acid Volume (gals):	0	Min Rate (bpm):	0	5 Min:	9
Max PSI:	0	Avg PSI:	0	15 Min:	0
Max Rate (bpm):	0	Avg Rate (bpm):	0		v
			Fracture		
Gal Fluid:	212500	Min PSI:	7300	ISIP:	3550
M# Prop:	0	Min Rate (bpm):	17.2	5 Min:	3346
Max PSI:	9300	Avg PSI:	8300	15 Min:	3291
Max Rate (bpm):	36	Avg Rate (bpm):	28.1		020 i
Comment:	TOT. LOAD = 5141 BBL'S				

83. OF COPIES REC	EIVED	ī		
DISTRIBUTE	ON		1	
SANTA FE				
FILE	FILE			
U.S.G.S.	U.S.G.S.			
LAND OFFICE				
TPANSPORTER	OIL			
TO AND ON TER	GAS			
OPERATOR				
BEIODATION OF		T		

_	SANTA FE		NEW MEXICO OIL	CONSERVATION COMM TOR ALLOWABLE	ISSION	Form C-104	
_	FILE		T KEGOL.	AND ALLUWABLE		Supersedes (Effective 1-1	Old C-104 and C-1. 65
	U.S.G.S.		AUTHORIZATION TO T		MATURAL CAC		
	LAND OFFICE			MANO ON OIL AND I	MATURAL GAS		
	TPANSPORTER	OIL					
		GAS					
_	OPERATOR						
I	PHORATION OFF	ICE					
	TEXACO Inc.						
-	Reason(s) for filing (Hobbs No	ew Mexico 88240	01 101			
		x	Change in Transporter of:	Other (Please 日本部分	explain) CHEAL CAE	MUST NOT	BE
	Recompletion			F 777 A 775 F		1/25/1	<u> 2 - </u>
	Change in Ownership		<u> </u>	3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -	AH BROS	TION TO R	-4970
			Con	densate Seatth	4		
	Change of ownersh			and the second of	. •		
21	nd address of previ	ous owner					
II. D	ESCRIPTION OF	F WELL AND	LEASE				
	_e⊤se Name		Well No. Pool Name, Including	Fermation	Kind of Lease		Lease No.
4	New Mexico D	St. NCT-	-1 5 Vacuum Abo N	onth	State, Federal or F	ee State	B-143-3
1	_ocation		THE PARTY OF THE P	<u>OT CIT</u>		- State	, D-240-3
	Vait Letter D	: 66	60 Feet From The North 1	_ine and 660	Foot Form Wha	P 11	Contract to
			The state of the s	- Mo dild	_ Feet From The _		
	Line of Section	27 то	wnship 17-S Range	34-E , NMPM,	Lea		County
		-					County
III. <u>D</u>	ESIGNATION OF	TRANSPOR	TER OF OIL AND NATURAL (
	Value of Authorized T		or Condensate	Address (Give address to	which approved co	opy of this form is	to be sent)
<u>~</u>	Mobil Pipe Li	ne Co.		P.O. Box 900.	Dallas, Texa	as 75221	
	Name of Authorized T			Address (Give address to	which approved co	opy of this form is	to be sent)
	ented - To be	e connecte					
	f well produces oil or		Unit Sec. Twp. Rge.	Is gas actually connecte	d? When		
	rive location of tanks		D 27 17S 34E	No			
if	this production is	commingled wi	th that from any other lease or poo	1, give commingling order	number:		4
١٧. ي	OMPLETION DA	TA	Oil Well Gas Well	New Well Workover		5 1 2 5	
	Designate Type	of Completion	on - (X)	I	Deepen Plu	g Back Same Re	s'v. Diff. Res'v.
D	cte Spudded		Date Compl. Ready to Frod.	X ! Total Depth	<u> </u>	T.D.	
7	.0-22-71			•	P.E	3.T.D.	
Ē.	levations (DF, RKB,	RT, GR, etc.;	11-25-71 Name of Producing Formation	Top Oil/Gas Pay	Tub	8800 th	
	1049 GR		Vacuum Abo North		142	•	
P	erforations 2 JSI	PT 8507 0	8, 09, 25, 26, 27, 32,	33 311 36 30 (el co Dep	8790 th Casing Shoe	
6	3, 69, 70, 7	1. 79 & 87	80.	00, 04, 00, 00,	01, 02,	8830*	
				ND CEMENTING RECORD)	0030	
	HOLE SI	IZE	CASING & TUBING SIZE	DEPTH SE		SACKS CE	MENT
<u> </u>	11"		8-5/8"	1650	55	0 sk 'C' w	·
: -						0 sx 'C' w	
	7-7/8"		5-1/2"	8830 *	215	3 WIT xe 0	300 sx
					* C*	w/10# s/s	(
V. TI	EST DATA AND I	REQUEST FO	OR ALLOWABLE (Test must be	after recovery of total volum	e of load oil and m	ust be equal to or	exceed top allow-
())	IL WELL		able for this c	ienth or be for full 24 hours)			
	dre First New Oil Rus	n To Tanks	Date of Test	Producing Method (Flow,	pump, gas lift, etc.	.)	
	1-25-71		12-4-71	Pumping			
į	ength of Test		Tubing Pressure	Casing Pressure	Cho	ke Size	
2	4 hrs.	nat	Oil-Bhis.	- Water - Bbls.		-MCF	
1	•						
1_2	01		201	3	1	09	.,
G	AS WELL						
	ctual Prod. Test-MC	F/D	Length of Test	Bbls. Condensate/MMCF	T.G	rity of Condensate	
İ			_	, , , , , , , , , , , , , , , , , , , ,	Gia	nty or condensate	
T	esting Method (pitot,	back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-i	Chol	ce Size	
			` ,		,		
VI. CE	ERTIFICATE OF	COMPLIANC	T.	011 0	ONSERVATION	1.0044000	
02	SKIII ICAIL OF	COMI LIANC	·E	1 1 -		COMMISSIO	N
· h	ahu cartifu that t	he sules and s	amulations of the Oil Communication	APPROVED	E(n 2/19	/1)	19
Dor	mmission have bee	en complied w	egulations of the Oil Conservation ith and that the information given	$\sqrt{2}$	NI AM	11/	
ods	ove is true and co	mplete to the	best of my knowledge and belief.		UX Min	V-//	~
		,		TITLE/ CTIDE	ERVISOR	DISTRICT	7
	1			TITLE	, yang 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10		
	11/1	G//		This form is to b	e filed in compli	ance with RULE	1104.
-		Z (Siana)	Was a second	If this is a reque			
		(Signal		well, this form must be tests taken on the we			
A .	ssistant Dist	rict Supe Tul		All sections of th		illed out comple	tely for allow-
	_	,	e,	able on new and reco	mpleted wells.		
D	ecember 6, 19	(Dat	-1	Fill out only Se			

RECEIVED

FEA. 01971

OIL CONSERVATION COMM.