

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised March 25, 1999

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address RALPH C. BRUTON 3500 ALUMA HOBBS, NM 88240		² OGRID Number 018687
		³ Reason for Filing Code CH EFFECTIVE 4-1-2000
⁴ API Number 30 - 025-26942	⁵ Pool Name Crazy Horse Delaware LUSK MORROW, EAST (GAS)	⁶ Pool Code -80770 1339D
⁷ Property Code 009925 25611	⁸ Property Name WEST TONTO FEDERAL COM	⁹ Well Number 1

II. ¹⁰ Surface Location

UL or lot no. L	Section 24	Township 19 S	Range 32 E	Lot Idn	Feet from the 1980	North/South Line S	Feet from the 660	East/West line W	County LEA
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date 04-01-00		¹⁷ C-129 Expiration Date	

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
022507	TEXACO Exploration & Production	2240910	O	
009171	Equilon Enterprises GPM GAS	2240930	G	

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBDT	²⁹ Perforations	³⁰ DHC, MC
³¹ Hole Size	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement		

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Ralph C. Bruton*
Printed name: RALPH C. BRUTON
Title: INDIVIDUAL
Date: 3/15/00 Phone: (505) 390-0366

OIL CONSERVATION DIVISION

Approved by: *JANE M. JONES BY GARY WINK*
Title: FIELDERS II
Approval Date: 3-15-00

⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator

20165 SAMSON RESOURCES COMPANY, TWO WEST SECOND ST., TULSA, OK 74103

Previous Operator Signature: *Becky Sheram* Printed Name: BECKY SHERAM Title: Production Analyst Date: 2-3-00

153197

WELL NAME: West Tonto Federal #1 **SPUD:** 7/23/80 **LSE #:** 012076
STATE: NM **RIG:** **SURVEY:** 24-19S-32E
COUNTY: LEA **COMPL:** 1/5/81 **FORMATION:** Delaware
API #: 30-025-26942 **FIELD:** Luck East

TD: 13700' **PBTD:** 6142' **ELEVATION:** 3626' KB; 3605' GL

PIPE RECORD								CEMENT & HOLE DATA				
CSG	OD	GRADE	THD	WT/FT	TOP	BTM	# JTS	BIT SIZE	DEP	SX	WT.	TOC
Cond	20.000	H40	ST&C	94.00#	Surf	39'						Surf
Surf	13.375	K55	ST&C	54.50#	Surf	477'	11	17.500		500/175	Cls C	Surf
Int	8.625	S80	ST&C	32.00#	Surf		117	12.250		627/200	Cls C	Surf
	8.625	S80	ST&C	28.00#						1962/200	Cls C	
	8.625	S80	ST&C	24.00#		4920'						
Prod	5.500	S95	LT&C	17.00#	Surf	13700'	328	7.875		1000	Cls H	8835'
Tbg	2.875	N80	EUE	6.50#	Surf	6052'	196					

WELL HISTORY **CSG COLLARS** **ELM/GRM**

PB'd from Lower Morrow to Middle Morrow 8/91
 New zone perforated with Vann guns (still in hole)
 Completed natural. Well is depleted.

12/3/96: Recompleted to Delaware (5986-6036')
 Set CIBP #1 @ 12,080' KB. Perf'd 6155'-6156'. Left fish in hole.
 Set CIBP #2 @ 12,065' KB and dumped 5 sxs Class "C" on top.
 12/11/96: Acidized w/ 3000 g 7.5% HCl w/ 150 1.3 SG RCN balls,
 2 g CI-25, 5 gals NE-118, 2 gals Clay control, 9 g FE 270,
 3 g FE 271. AIR 4.5 BPM; ATP 2380#.
 12/14/96: Frac'd w/ 36,000 g SFG 3000, 163,000 sd 16/30 mesh, AIR 1280#,
 ATP 26 BPM.
 12/25/96: BHA (Top Down)
 190 jts 2-7/8" tbg; Baker TAC; 6 jts 2-7/8" tbg; 2-7/8" API SN;
 2-7/8" x 4' perf sub; 2-7/8" x 3" XO; 3" x 25' MA jt.
 1/2/97: Put on pump
 2/1/97: MA, GA & perf sub full of scale. Tagged fill @ 6071'. C/O fill to
 CIBP @ 6142'. RIH w/MA, XO, perf sub, SN, 6 jts tbg, TAC & 190
 jts tbg. RIH w/rods.
 3/15/00: Sold - OAGC Auction

CAPACITIES	(BBL/FT)	FT/BBL	(CF/FT)
TBG:	.00579	172.760	.03250
CSG:	.02320	43.010	.13050
LINER:			

VOLUME BETWEEN	(BBL/FT)	FT/BBL	(CF/FT)
TBGxCSG:	.01520	65.710	.08540
TBGxLNR:			
CSGxHOLE:	.03090	32.407	.17330
LNRxHOLE:			

PERFORATION RECORD				
DATE	TOP	BTM	ZONE	STAT
12/22/80	13502	13514	Mor. L	CIBP
12/22/80	13522	13526	Mor. L	CIBP
8/3/91	13264	13274	Mor. M	CIBP
8/3/91	13286	13296	Mor. M	CIBP
12/10/96	5986	6036	Delawar	open
12/5/96	6155	6156		sqz'd

SRC WI%: 73.9% **SRC NRI%:** 61.0%

BHT: **ENGINEER:** Hari Narayana **GEOLOGIST:** Moe Nagaty

TUBULAR GOODS PERFORMANCE

Material	Tensile* (lbs)	Burst* (psi)	Collapse* (psi)	Drift (in)	ID (in)
20" 94# H40 ST&C	581,000	1,530	520	18.936	19.124
13.375" 54.5# K55 ST&C	547,000	2,730	1,130	12.459	12.615
8.625" 32# S80 ST&C	--	--	--	--	--
8.625" 28# S80 ST&C	--	--	--	--	--
8.625" 24# S80 ST&C	--	--	--	--	--
5.5" 17# S95 LT&C	374,000	9,190	6,930	4.767	4.892
2.875" 6.5# N80 EUE	105,570	10,570	11,160	2.347	2.441

* Safety Factor Not Included

20" @ 39'

13.375" @ 477'

8.625" @ 4920'

TAC @ 5837'

6 jts tbg

Perf Delaware @ 5986 - 6036' (2SPF)

SN @ 6022'

Perf Sub @ 6026'

XO @ 6027'

MA @ 6052'

CIBP @ 6142'

Estimated TOC @ 8835'

CIBP @ 12,065' w/ 5 sx Class C

Fish @ 12,070'

CIBP @ 12,080'

Perf Middle Morrow @ 13,264-13,274'

Perf Middle Morrow @ 13,286-13,296'

PBTD 13,365' with 35' cmt plug

CIBP @ 13,400'

pkf @ 13410'

Perf Morrow @ 13502 - 13514'

Perf Morrow @ 13522 - 13526'

PBTD @ 13610'

5.5" @ 13700'

ENGINEER: Hari Narayana

DATE: 3/14/96

Updated: 12/16/98

Updated: 5/2/00 jdb

OFFICE: (918) 591-1873

FAX #: (918) 591-7873

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12/03/1996

12/04/1996

12/05/1996

12/06/1996

12/07/1996

12/08/1996

RU Wedge Dia-Log, Inc. Set 5-1/2" cmt ret. @ 6142'. RD
Wedge. TIH w/tbq. tested csg to 2000#. RU BJ estab. ind.