

WELL NAME: West T.		Federal #1		FIELD: Lusk East		OPERATOR: Samson Hydrocarbons Co.						
STATE: NM				COUNTY: Lea		SURVEY: Sec 24-19S-32E						
COMP DATE: 1/5/81				SPUD DATE: 7/23/80		FORMATION: Morrow						
TD: 13700'		PBDT: 13365'		ELEVATION: 3626' KB		ZERO DATUM: 21 FT. ABOVE GL						
PIPE RECORD								CEMENT & HOLE DATA				
CSG	OD	GRADE	THD	WT/FT	TOP	BTM	# JTS	BIT SIZE	DEP	SX	WT.	Top Cmt
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'
								CSG COLLARS ELM/GRM				
Tbg	2.875	N80	EUE	6.50#	Surf	13201'	436					
COMMENTS:												
13.375" @ 477' Current zone is depleted Propose recompletion to Delaware								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:				
SURFACE EQUIPMENT						PERFORATION RECORD						
Artificial Lift: Flowing						JSPF	DATE	TOP	BTM	ZONE	STATUS	
Facility:							12/22/80	13502	13514	Mor. L	CIBP	
							12/22/80	13522	13526	Mor. L	CIBP	
8.625" @ 4920'							8/3/91	13264	13274	Mor. M	open	
							8/3/91	13286	13296	Mor. M	open	
ENGINEER: Jeff Ross												

STATUS: Recompletion to Delaware pending

Perf Delaware @ 5,986-6,036'

NOTE: Delaware BP @ 5986-6036'

Estimated TOC @ 8835'

50' cmt on top of CIBP
CIBP @ 13,200'

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

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

PBDT 13,365' with 35' cmt plug
CIBP @ 13,400'

pkc @ 13410'

Perf Morrow @ 13502 - 13514'

Perf Morrow @ 13522 - 13526'

PBDT @ 13610'
5.5" @ 13700'

PROPOSED CONFIGURATION

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator SAMSON RESOURCES COMPANY		Well API No. 30-025-26942 ✓
Address 2 W. 2nd STREET, TULSA, OK 74103		
Reason(s) for Filing (Check proper box) ☐ Other (Please explain)		
New Well ☐	Change in Transporter of:	
Recompletion ☐	Oil ☐ Dry Gas ☐	
Change in Operator ☒	Casinghead Gas ☐ Condensate ☐	
If change of operator give name and address of previous operator GRACE PETROLEUM CORP., 6501 N. BROADWAY, OKC, OK 73116-8298		

II. DESCRIPTION OF WELL AND LEASE

Lease Name W. TONTO FEDERAL COMM.	Well No. 1	Pool Name, including Formation LUSK - MORROW, East	Kind of Lease State, Federal or Fee	Lease No. NM-12413
Location Unit Letter <u>L</u> : 660 Feet From The <u>WEST</u> Line and 1980 Feet From The <u>SOUTH</u> Line Section <u>24</u> Township <u>19</u> Range <u>32</u> NMPM, <u>Lea</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent)	
GAS COMPANY OF NEW MEXICO		P.O. BOX 26400, ALBUQUERQUE, NM 87125
If well produces oil or liquids, give location of tanks.	Unit	Sec.
	Twp.	Rge.
		Is gas actually connected? YES
		When? APRIL 1981
If this production is commingled with that from any other lease or pool, give commingling order number.		

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, CR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)			
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas- MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (prior, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations 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 Dennis I. Chandler
DENNIS CHANDLEE SUPV. OF OPERATIONS
Printed Name
Date 4-21-93 Title
918-583-1791 Telephone No.

OIL CONSERVATION DIVISION

Date Approved APR 29 1993

By ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

Title _____

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- All sections of this form must be filled out for allowable on new and recompleted wells.
- Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- Separate Form C-104 must be filed for each pool in multiply completed wells.