Form C-105
Revised 10-1-78

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

5a. Indicate Type of Lease: State [X] Fee [ ]
5. State Oil & Gas Lease No.:

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] DRY [ ] & OTHER Water Source
7. Unit Agreement Name:

b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [ ] DEEPEN [ ] PLUG BACK [X] DIFF. RESVR. [ ] OTHER
8. Farm or Lease Name: Cities "S" State
9. Well No.: 2

2. Name of Operator: SHELL WESTERN E&P INC.

3. Address of Operator: P.O. BOX 576, HOUSTON, TEXAS 77001 (WCK 4435)
10. Field and Pool, or Wildcat: Hare-San Andres Gas

4. Location of Well
UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 15 TWP. 21S RGE. 37E NMPM
12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
6-01-48	6-30-48	1-25-88	3435' GR	- - -

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
6676'	5555'	- - - -	→	0-6676'	

24. Producing Interval(s), of this completion — Top, Bottom, Name
4061' - 4903' (San Andres)
25. Was Directional Survey Made: NO

26. Type Electric and Other Logs Run
GR/CBL/CNL, GR/CNL
27. Was Well Cored: NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	36#	297'	17-1/4"	300 SX	- - -
8-5/8"	24 & 28#	2791'	11-1/4"	500 SX	- - -
5-1/2"	14, 15.5#	6585'	6-3/4"	125 SX	- - -

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-1/2"	5010'	4973'

31. Perforation Record (Interval, size and number)
5030' (CIBP holes)
4061' - 4900' (1 JSPF)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5030'	Sqzd w/150 SX Cls "C"
4061' - 4900'	Acd w/15,120 gals 15% HCl-NEA + 16,000# rock salt

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
1-26-88	(For Test Only) → Centrilift 98T100 Submersible	SI

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
3-04-88	24			0	350	4300	- - -

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
	30					- - -

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
SOLD
Test Witnessed By

35. List of Attachments
C-103

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 A. J. Fore A. J. FORE TITLE SUPERVISOR REG. & PERMITTING DATE 7-20-88

Printed 8 I. Comp Hare SA Gas E

INSTRUCTIONS

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 deepened 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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
T. Anhy		T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2660'	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian		T. Menefee		T. Madison	
T. Queen		T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres	3951'	T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta		T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry	5555'	T. Gr. Wash		T. Morrison		T.	
T. Tubb	6096'	T. Granite		T. Todilto		T.	
T. Drinkard	6456'	T. Delaware Sand		T. Entrada		T.	
T. Abo		T. Bone Springs		T. Wingate		T.	
T. Wolfcamp		T.		T. Chinle		T.	
T. Penn.		T.		T. Permian		T.	
T Cisco (Bough C)		T.		T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from ..... to ..... No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

No. 3, from ..... to ..... No. 6, from ..... to .....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... to ..... feet. .....

No. 2, from ..... to ..... feet. .....

No. 3, from ..... to ..... feet. .....

No. 4, from ..... to ..... feet. .....

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	60	60	Surface sd & caliche				
60	1240	1180	Red bed & shale				
1240	1330	90	Red bed & anhydrite.				
1330	1513	183	Anhydrite				
1513	1910	397	Anhy, salt, shale & sd				
1910	2425	515	Anhy & salt				
2425	2560	135	Anhy, shale & salt.				
2560	2623	63	Anhy & Potash				
2623	2679	56	Anhy				
2679	2741	62	Anhy & Shale				
2741	2883	142	Anhy				
2883	3006	123	Lime & anhy				
3006	3502	496	Anhy				
3502	6676	3174	Lime				