

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

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

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

WELL API NO.

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Argo "A"

8. Well No.

8

9. Pool name or Wildcat

Wantz Abo

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☒ DIFF RESVR ☒ OTHER ☐

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

3. Address of Operator
P. O. BOX 576, HOUSTON, TX 77001 (WCK 4435)

4. Well Location
Unit Letter D: 990 Feet From The North Line and 990 Feet From The West Line
Section 22 Township 21S Range 37E NMPM Lea County

10. Date Spudded 3-09-51 11. Date T.D. Reached 5-03-51 12. Date Compl. (Ready to Prod.) 10-26-88 13. Elevations (DF & RKB, RT, GR, etc.) 3438' DF 14. Elev. Casinghead

15. Total Depth 8188' 16. Plug Back T.D. 7438' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools 0-8188' Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 6822' - 7202' 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run CNL/CCL/GR, Temp/GR (3) 22. Was Well Cored No

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

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	32.4#	226'	17-1/4"	300 SX	---
8-5/8"	28.55, 32#	2928'	11"	1700 SX	---
5-1/2"	15.5, 17#	8011'	7-7/8"	500 SX	---

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8"	7429'

26. Perforation record (interval, size, and number)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
6822' - 7202' (1 JSPF)		Acid w/10,000 gals 15% HCl-NEA	

PRODUCTION

28. Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
10-26-88		Pump - 2" x 1 1/2" x RHBC x 16-5 Highland				Prod	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
11-09-88	24			3	20	4	6667
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
	30					41.2	

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

30. List Attachments
C-102, C-103, C-104

31. 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

Signature A. J. Fore Printed Name A. J. FORE REG. & Title SUPV. PERMITTING Date 2-20-89

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 25 through 29 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

T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee <u>7560'</u>
T. Paddock <u>5180'</u>	T. Ellenburger <u>7963'</u>
T. Blinberry <u>5583'</u>	T. Gr. Wash _____
T. Tubb <u>6068'</u>	T. Delaware Sand _____
T. Drinkard <u>6395'</u>	T. Bone Springs _____
T. Abo <u>6686'</u>	T. _____
T. Wolfcamp _____	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) _____	T. _____

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 3, from _____ to _____
No. 2, from _____ to _____	No. 4, 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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	22	22	Surf sd & caliche				
22	241	219	Sd & red beds				
241	863	622	Red Beds				
863	2450	1587	Anhy & salt				
2450	2691	241	Anhy				
2691	2930	239	Anhy & dolo				
2930	7291	4361	Dolo				
7291	7365	74	Shale				
7365	7937	572	Shale & sd				
7937	7970	33	Sdy dolo				
7970	8000	30	Lm				
8000	8037	37	Lm w/stk dolo & cht				
8037	8061	24	Lm & dolo				
8061	8185	124	Dolo				
8185	8188	3	Granite				

RECEIVED

FEB 22 1989

OCD
HOBBS OFFICE