

NO. OF OFFICE DESIGNED	
DISTRIBUTION	
STATE FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATION	
PRODUCTION OFFICE	

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator
SHELL WESTERN E&P INC.
Address
P.O. BOX 576, HOUSTON, TEXAS 77001 (WCK 4435)
Reason(s) for filing (Check proper box)
New Well ☐ Change in Transporter of:
Recompletion ☒ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐
Other (Please explain)
If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE
Lease Name STATE SECTION 2 Well No. 6 Pool Name, Including Formation WANTZ ABO Kind of Lease STATE Lease N B-9745
Location
Unit Letter S : 1980 Feet From The SOUTH Line and 1980 Feet From The WEST
Line of Section 2 Township 21-S Range 37-E , NMPM. LEA Count

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)
SHELL PIPE LINE CORP. P. O. BOX 1910, MIDLAND, TX 79701
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐ Address (Give address to which approved copy of this form is to be sent)
TEXACO PRODUCING INC. P. O. BOX 1137, EUNICE; NM 88231
If well produces oil or liquids, give location of tanks. Unit T Sec. 2 Twp. 21-S Rge. 37-E Is gas actually connected? YES When 1-12-87

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 X Gas well New Well Workover Deepen Plug Back Some Res'v. Diff. Res
Date Spudded 5-09-51 Date Compl. Ready to Prod. 1-12-87 Total Depth 8207' P.B.T.D. 7185'
Elevations (DF, RAB, RT, GR, etc.) 3488' DF Name of Producing Formation WANTZ ABO Top Oil/Gas Pay 7014' Tubing Depth 6987'
Perforations 7014' - 7155' (SQZD PERFS @ 7220') Depth Casing Shoe 5-1/2" LNR @ 8065'
TUBING, CASING, AND CEMENTING RECORD
HOLE SIZE CASING & TUBING SIZE DEPTH SET SACKS CEMENT
17-1/4" 13-3/8" (48#) 225' 300
11" 8-5/8" (32#) 3149' 2000
7-7/8" 5-1/2" LNR (15.5, 17#) 2942' - 8065' 1080
7-7/8" 5-1/2" TIE-BACK (14#) SURF - 2942' 450

V. TEST DATA AND REQUEST FOR ALLOWABLE (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 Tanks 1-12-87 Date of Test 1-26-87 Producing Method (Flow, pump, gas lift, etc.) PUMP
Length of Test 24 HRS Tubing Pressure 30 Casing Pressure 30 Choke Size
Actual Prod. During Test Oil-Bbls. 12 Water-Bbls. 4 Gas-MCF 30

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

VI. 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.
Eddie Carter for A. J. FORE
SUPERVISOR REG. & PERMITTING
FEBRUARY 3, 1987
OIL CONSERVATION DIVISION
APPROVED FEB 6 1987
BY ORIGINAL SIGNED BY JERRY SEXTON
TITLE DISTRICT I SUPERVISOR
This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiple completed wells.

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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 ☒	Fee ☐
5. State Oil & Gas Lease No.	
B-9745	

1. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

2. TYPE OF COMPLETION

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☒ DIFF. RESVR. ☒ OTHER ☐

7. Unit Agreement Name

8. Farm or Lease Name

STATE SECTION 2

3. Name of Operator

SHELL WESTERN E&P INC.

4. Address of Operator

P.O. BOX 576, HOUSTON, TEXAS 77001 (WCK 4435)

6. Location of Well

9. Well No.

6

10. Field and Pool, or Wildcat

WANTZ ABO

11. UNIT LETTER S LOCATED 1980 FEET FROM THE SOUTH LINE AND 1980 FEET FROM WEST LINE OF SEC. 2 TWP. 21-S RGE. 37-E NMPM

12. County

LEA

13. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
5-09-51	7-04-51	1-12-87	3488' DF	-----
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
8207'	7185'	-----	-----	X

24. Producing Interval(s), of this completion - Top, Bottom, Name

7014' - 7155' (WANTZ ABO)

25. Was Directional Survey Made

NO

26. Type Electric and Other Logs Run

TEMP SURVEY

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"	48#	225'	17-1/4"	300 SX REG	-----
8-5/8"	32#	3149'	11"	1500 SX 4% + 500 SX NEAT	-----

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
5-1/2"	2942'	8065'	1080		2-3/8"	6987'	
5-1/2" TIE-BCK	SURF	2942'	450				

31. Perforation Record (Interval, size and number)	7220' (4 JSPF - SQZD)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
	7014' - 7155' (4 JSPF, 68 holes)	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	7668' - 7802'	SQZD W/100 SX CLS "C" CMT
	7220'	SQZD W/40 SX CLS "C" CMT
	7014' - 7155'	ACD W/7500 GALS 20% HCL-NEA +
		1000# ROCK SALT

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
1-12-87	PUMPING 2" X 1 1/2" X 16" BRASS	PROD
Date of Test	Hours Tested	Choke Size
1-26-87	24	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
	30	
Prod'n. For Test Period	Oil - Bbl.	Gas - MCF
	12	30
Water - Bbl.	Gas - Oil Ratio	
4	2500	
Oil Gravity - API (Corr.)		
	39	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

Test Witnessed By

35. List of Attachments

C-104(5), C-103(3), C-102(3)

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 TITLE SUPERVISOR REG. & PERMITTING DATE FEBRUARY 3, 1987

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 _____	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 _____	T. Simpson <u>7555'</u>	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee <u>7620'</u>	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger <u>8046'</u>	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite <u>8197'</u>	T. Todilto _____	T. _____
T. Drinkard <u>6582'</u>	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>6835'</u>	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	1360	1360	RED BEDS				
1360	2156	796	ANHYDRITE & SALT				
2156	3087	931	ANHYDRITE				
3087	3270	183	ANHYDRITE & DOLOMITE				
3270	7480	4210	DOLOMITE				
7480	7584	104	DOLOMITE & LIME				
7584	7655	71	LIME, SAND & SHALE				
7655	7808	153	DOLOMITE, SAND & SHALE				
7808	7889	81	SHALE, LIME & SAND				
7889	8020	131	SAND & SHALE				
8020	8102	82	LIME & DOLOMITE				
8102	8207	105	DOLOMITE & GRANITE				

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