

NM OIL CONS. COMMISSION
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

NM 17435

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Shelly Federal Comm.

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Undes. Bone Springs

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 5, T19S, R32E

12. COUNTY OR
PARISH
Lea13. STATE
N.M.

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 ☒ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☒ Other ☐

2. NAME OF OPERATOR

PETROLEUM DEVELOPMENT CORPORATION

3. ADDRESS OF OPERATOR

9720-B Candelaria, N.E., Albuquerque, N.M., 87112

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1,980' FNL, 660' FEL

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

7/29/80

16. DATE T.D. REACHED

9/25/80

17. DATE COMPL. (Ready to prod.)

10/16/80

18. ELEVATIONS (DF, RKB, RT, OR, ETC.)*

3,669' GL, 3684' KB

19. ELEV. CASINGHEAD

3,668'

20. TOTAL DEPTH, MD & TVD

13,059'

21. PLUG, BACK T.D., MD & TVD

12,400'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

Surf. to TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

8,528' - 8,560' with 2 JHPF

Undes. Bone Springs

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron-Density, Dual Laterolog & Cement bond (GR Corr. log)

27. WAS WELL COBED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5	410'	17 1/2"	425 sx. Class "H"	None
8-5/8"	24 & 28	4,196'	12 1/4"	1,295 sx. Class "H"	None
5 1/2"	17	13,059'	7-7/8"	1,075 sx. Class "H"	None
5 1/2"	17	13,059'	7-7/8"	250 sx. (8515'-7200')	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	8,470 KB	8,478' KB

31. PERFORATION RECORD (Interval, size and number)

8,528'- 8,560' 2JHPF (62 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8,528'-8,560'	2,000 gal. 15% NE
8,528'-8,560'	30,000 gal. gel water, 35,000#
	100 mesh sand, 75,000# 20/40
	mesh sand

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
W.O. Pump unit		Swabbed					Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
4/3/81	10	64/64"	→	35	70	39	2	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
360	40	→	84	170	93	42		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented - Waiting on L.P. pipeline

35. LIST OF ATTACHMENTS

Logs and DST's previously sent

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Gary E. Roberts

TITLE

U.S. GEOLOGICAL SURVEY
FIELD OFFICE
RESERVOIR ENGINEER

DATE 9/8/81

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Queen	3,784'	3,865'	Sandstone - Salt Water	Rustler	1,160'	
Grayburg	4,498'	4,582'	Sandstone - Salt Water	Salt	1,408'	
Morrow	12,596'	12,692'	Sandstone - Salt Water & Gas	B/Salt T/Tansil	2,802'	
Morrow	12,700'	12,738'	Sandstone - Gas	Yates	3,052'	
Pay) Lower Morrow	12,950'	12,963'	Sandstone - Gas	Queen	3,784'	
				Grayburg	4,498'	
				San Andres	4,582'	
				Delaware Sd	5,372'	
				Bone Springs	7,123'	
				1st Bone Springs	8,454'	
				2nd Bone Springs	9,213'	
				3rd Bone Springs	9,919'	
				Wolfcamp	10,476'	
				Strawn	11,560'	
				Atoka	11,940'	
				Morrow	12,232'	
				Lower Morrow	12,874'	
				Barnett	13,002'	