

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See oil
instruction on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

NM-03023-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Bass Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

UNDESIGNATED

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASection 30,
T-20-S, R-33-E12. COUNTY OR
PARISH

Lea

13. STATE

New Mexico

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

Belco Petroleum Corporation

3. ADDRESS OF OPERATOR

2000 Wilco Building, Midland, Texas 79701

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

At surface

1980' FN&WL's Section 30, T-20-S, R-33-E, Lea County

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

10-12-72

15. DATE SPUDDED

10-26-72

16. DATE T.D. REACHED

1-12-73

17. DATE COMPL. (Ready to prod.)

2-2-73

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

3580.9' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

13,600'

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

13,559'

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

ROTARY TOOLS

CABLE TOOLS

0' - 13,600'

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

13,114' to 13,468' (Morrow)

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Acoustic Velocity, Forxo, and Induction Logs

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	65#	1150'	20"	500 sx.	None
13-3/8"	54.50# & 61#	3055'	15"	1230 sx.	None
9-5/8"	43.50#	10,300'	12-1/4"	2000 sx.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2"	10,070'	13,593'	750		2-7/8"	13,046'	13,048'

31. PERFORATION RECORD (Interval, size and number)

13,114' to 13,314' with total of 78 shots
13,434' to 13,468' with total of 46 shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13,114'-13,314'	3000 gallons 7.5% MS acid
13,434'-13,468'	2000 gallons MS acid and 15 tons CO ₂

33.*

PRODUCTION

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or
shut-in)

Shut-in

Flowing

Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-3-73				27.84	715.5	1.16	25,700:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
3572	Pkr.		167.04	4,293	6.96		54.2

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

Vented

TEST WITNESSED BY

John Spruell

35. LIST OF ATTACHMENTS

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

SIGNED

Glenn Cope

TITLE District Engineer

DATE 7-10-73

*(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.), formations 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
Capitan Reef	3130'	5400'	Water	Capitan Reef	3130'	
Delaware	5400'	8080'	Water	Delaware	5400'	
Wolfcamp	11,398'	11,432'	Oil	Bone Springs	8080'	
Morrow	13,070'	13,538'	Gas	Wolfcamp	11,337'	
				Strawn	12,044'	
				Atoka	12,376'	
				Morrow	13,070'	
				Barnett	13,538'	
DST #1 (8000' - 8160')			Recovered 200' drilling fluid and 5' oil. IHP 3581#, 40 min. PFP 155#, 60 min. ISIP 769#, FHP 3581#, 60 min. FFP 181#, 90 min. FSIP 756#. Sample chamber re- covered .4 cubic foot gas and no fluid.			
DST #2 (13,097' - 13,316')			Tool open 5 min. and 60 min. GTS in 50 min. Recovered 120' drilling fluid below circulating sub. IHP 7090#, 90 min. ISIP 6509#, FP 2514-4148#, FHP 6963#, 180 min. FSIP 6563#. Sample chamber recovered 18 cubic feet gas and 160 cc of condensate.			