

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 04473

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

James Ranch Unit

8. FARM OR LEASE NAME

James Ranch Unit

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Los Mendamos Morrow

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

Sec. 6, T-23-S, R-31-E

12. COUNTY OR
PARISH
Eddy

13. STATE

New Mexico

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

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 2180' FSL & 330' FWL of Section 6, T-23-S, R-31-E, Eddy
County, New Mexico

At top prod. interval reported below

SAME

At total depth

SAME

14. PERMIT NO.

DATE ISSUED

5-4-73

15. DATE SPUDDED

5-21-73

16. DATE T.D. REACHED

8-8-73

17. DATE COMPL. (Ready to prod.)

9-9-73

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

3296 GR

19. ELEV. CASINGHEAD

3296 GR

20. TOTAL DEPTH, MD & TVD

14,380

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

14,273

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

ROTARY TOOLS

CABLE TOOLS

XX

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

Atoka Sand 12,912'-20' (Temporarily Abandoned)

Morrow - 13,865-79', 13,888-96', 14,072-88', 14,110-114'

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Acoustic Velocity Neutron Log, Forxo Log, Guard Log

27. WAS WELL CORED

NO

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	65	485	20"	650 S	None
10 3/4"	40.50#	45.50# 3890	12 1/4"	2400 SX	None
7 5/8"	29.70#	26.40# 11780	9 1/2"	1950 SX	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5 1/2	17,482	14,380	300	None	2 7/8	13,700	13,700

31. PERFORATION RECORD (Interval, size and number)

12,912-920' - w/48 holes (T.A.)
13,865'-13,879' w/ 1 shot per 2 feet
13,888'-13,896' w/ 1 shot per 2 feet
14,073'-14,088' w/ 1 shot per 2 feet
14,110'-14,114' w/ 2 shots per foot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
12,912-20'	1500 Gal. - 7 1/2% MS Acid
	7500 Gal. - 15% MS Acid
13,865 -14,114	7500 Gal Gel Water w/6500#Sd.
	1000# Beads & 20 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)	
9-9-73		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-11-73	24	42/64	→		6,700	---	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
2600#	Packer	→		6,700	---	---	

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

SOLD

TEST WITNESSED BY

Julian Simpson

35. LIST OF ATTACHMENTS

Deviation Survey, Four Point Test, Inclination Survey, Drill-Stem Tests

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

SIGNED

Glenn Cape

TITLE

District Engineer

DATE

10/22/73

*(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.), 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	NEAR. DEPTH	TRUE VERT. DEPTH
Delaware	3906	7708	Shale & Water Wet Sands	Delaware	3906	Same
Atoka	12912	12920	Porous Gas Sand (DST #2)	Bone Springs	7708	
Morrow	13864	13896	Porous Gas Sand	Wolfcamp	11040	
Morrow	14070	14114	Porous Gas Sand	Strawn	12586	
Morrow	14282	14300	Porous Gas Sand	Atoka	12840	
				Morrow	13764	

(SEE ATTACHED SHEET.)