

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-4355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-25821

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

CHACRA

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

RUSTY CHACRA

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

Sec. 21, T22N, R7W

12. COUNTY OR PARISH

Sandoval

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

BEARD OIL COMPANY

3. ADDRESS OF OPERATOR

2000 Classen Center, 200 So., Okla. City, OK 73106

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

At surface 1160' FSL & 1600' FEL Sec. 21-22N-7W

At top prod. interval reported below Same as above

At total depth Same as above

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

12-12-77

16. DATE T.D. REACHED

12-18-77

17. DATE COMPL. (Ready to prod.)

2-21-78

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

6757' GL

19. ELEV. CASINGHEAD

6756'

20. TOTAL DEPTH, MD & TVD

2004'

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

1740' CIBP

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-2004'

CABLE TOOLS

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

1554-62' Chacra "B"; 1490-1500', 1480-85', 1473-77', 1466-68' Chacra "A"

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electrical Log 86'-1956'; Compensated

Neutron Log 900'-1955'; Gamma Ray Bond Log 0'-1879'

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	85	12-1/4"	60 sx C1 B w/2% CaCl cmt circ'd	Q
4-1/2"	10.5#	1935	6-3/4"	125 sx Pozmix w/12% gel +	0
				100 sx C1 B; Top of cmt 650'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8	1577'	None

31. PERFORATION RECORD (Interval, size and number)

1794-1802' Chacra "D" w/2 holes/ft.
Recv'd wtr. Set CIBP @ 1740'. 1554-62',
1490-1500', 1480-85', 1473-77', 1466-68'
w/2 holes/ft.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1794-1802'	Acidized w/500 gals mud acid
1473-1562' (OA)	Frac trtd w/2% KCl wtr-total load, acid wtr & flush = 1743 bbls & 60,000# of 10/20 sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping, etc. and type of pump)				WELL STATUS (Producing or shut-in)	
1-26-78		flowing				Shut in gas well	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL—GRAVITY—API (CORR.)
* XXX			→				
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL—GRAVITY—API (CORR.)	
400	200	→					

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

35. LIST OF ATTACHMENTS

2 copies each of the Induction Electrical Log, Compensated Neutron Log, & Gamma Ray Bond Log

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

SIGNED

James W. Vater, Jr.

TITLE

Vice President

DATE

June 29, 1978

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

*Well is a shut in gas well. No open flow test will be taken until a pipeline connection is obtained & the well can be tested into the pipeline.

20-043-20309

RECEIVED
JUL 3 1978
U. S. GEOLOGICAL SURVEY
DENVER, COLO.

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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Surf clay & sh	0	100		Ojo Alamo	520	520
Sand & shale	100	740		Kirtland	610	610
Sh & sdy sh	740	1125		Pictured Cliffs	1085	1085
Sd w/sh strks	1125	1230		Lewis Shale	1230	1230
Shale	1230	1445		Chacra "A"	1445	1445
Sd w/sh & sdy	1445	2004		Chacra "B"	1525	1525
strks				Chacra "C"	1590	1590
Total Depth	2004					