

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYNM OIL CONS. COMMISSION
Drawer DD
NEW MEXICO
SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R355.6.

5. TRASS DESIGNATION AND SERIAL NO.

LC-028731-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Delta Wing Federal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Grayburg-Morrow

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

15-T-17-S, R-29-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

Oryx Energy Company

3. ADDRESS OF OPERATOR

P. O. Box 1861, Midland, Texas 79702

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

At surface

At top prod. interval reported below B, 1980' FEL & 810' FNL

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

4-30-90

16. DATE T.D. REACHED

4-30-90

17. DATE COMPL. (Ready to prod.)

5-3-90

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

3590.8' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

10,950'

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

10,940'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

10,654' - 10,778' Morrow

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLLw/Micro SFL w/Gamma Ray, Sonic Wave, CNL/LDT, CBL-VOL-GR

27. WAS WELL CORED

Yes-Side Wall Cores

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#	446'	17 1/2"	425 SXS "C"	30 SXS
8 5/8"	32#	4500'	11"	2300 SXS "C"	TOC 45' T.S.
5 1/2"	17#	10,950'	7 7/8"	1150 SXS "H"	TOC 5400' T.S.

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	10,610'	10,610'

31. PERFORATION RECORD (Interval, size and number)

10,654'-10,778' 6 JSPF, 210 Holes (Morrow)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10,654-10,778	Acidz w/4500 gls 7.5% & 13.5% HCL

33. PRODUCTION

DATE FIRST PRODUCTION

5-18-90

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

Well SI, weak gas blow, pending evaluation

WELL STATUS (Producing or shut-in)

SI

DATE OF TEST

HOURS TESTED

CHOKE SIZE

PROD'N. FOR TEST PERIOD

OIL—BBL.

GAS—MCF.

WATER—BBL.

GAS-OIL RATIO

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-APL (CORR.)

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

Well SI - pending stimulation evaluation, weak gas blow

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

3160-5, Inclination, C-104

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

SIGNED

Maria I. Perez

TITLE

Perforation Analyst

DATE

8-31-90

*(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.)

Delta Wing Federal No. 1

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.		GEOLOGIC MARKERS		NAME		MEAS. DEPTH		TOP		TRUE VERT. DEPTH	
Tubb		5425		6030		Dolomite				Tubb		5425					
Abo		6030		7203		Dolomite				Abo		6030					
Wolfcamp		7203		9952		Lime & Shale				Wolfcamp		7203					
Strawn		9952		10,165		Lime				Strawn		9952					
Atoka Clastics		10,165		10,350		Sand & Shale				Atoka Clastics		10,165					
Atoka C03		10,350		10,595		Lime & Shale				Atoka C03		10,350					
Morrow		10,595		10,794		Sand & Shale				Morrow		10,595					
Mississippi		10,794		TD		Lime & Shale				Mississippi		10,794					

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UNITED STATES

WELL COMPLETION OR RECOMPLETION REPORT