

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Jicarilla Joint Venture
WELL NAME & NUMBER OF THIS NAME
Jicarilla 77ache
LAND SURVEY NAME

8. FARM OR LEASE NAME
Jicarilla Joint Venture "PC"
9. WELL NO.
107
10. FIELD AND POOL OR WILDCAT
Ballard Pictured Cliffs
11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 3-T23N-R3W
N.M.P.M.

12. COUNTY OR PARISH
Rio Arriba
13. STATE
N.M.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: WELL LOG WELL DEV Other

2. TYPE OF COMPLETION:
NEW WELL WORK OVER DEEP EN PLUG BACK DIFF RISER Other

2. NAME OF OPERATOR
Odessa Natural Corporation Att: John Strojek

3. ADDRESS OF OPERATOR
P.O. Box 3908 Odessa, Texas 79760

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1700' FNL, 790' FWL
At top prod. interval reported below Same
At total depth Same

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 7-31-78
16. DATE T.D. REACHED 8-3-78
17. DATE COMPL. (Ready to prod.) Plugged & Abandoned 8-3-78
18. ELEVATIONS (DF, REE, ET, GR, ETC.)* 7194'D.F. 7195' KB
19. ELEV. CASINGHEAD 7183' GL

20. TOTAL DEPTH, MD & TVD 3260
21. PLUG, BACK T.D., MD & TVD Surface
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
ROTARY TOOLS X
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
None

26. TYPE ELECTRIC AND OTHER LOGS RUN
IES & CNL—FDC

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	24.0	133'	12-1/4	125 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

None

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	None

35.* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)
Plugged & Abandoned

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROP'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-API (CORR.)

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

35. LIST OF ATTACHMENTS
For: Odessa Natural Corporation

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
Signed: Ewell N. Walsh, P.E. Title: President, Walsh Engin. & Production Corp. Date: 8-15-78

*(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	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
			Set Cement Plugs: 75 sacks, 3200' - 2900' 90 sacks, 2800' - 2440' 25 sacks, 450' - 350'	Ojo Alamo	2698		2698
				Kirtland	2777		2777
				Fruitland	2938		2938
				Picturedcliffs	3022		3022
			Dry hole marker with 15 sacks in top of surface casing.	Lewis	3185		3185