

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other in-
structions on
reverse side)

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

Dugan Production Corp.

3. ADDRESS OF OPERATOR

P. O. Box 208, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with applicable requirements)

At surface 810' FNL - 1080' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.
5-18-83*

15. DATE SPUDDED

5-27-83

16. DATE T.D. REACHED

6-12-83

17. DATE COMPL. (Ready to prod.)

6-22-83

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

5846' GL

19. ELEV. CASINGHEAD

5846' GL

20. TOTAL DEPTH, MD & TVD

1321'

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

1285'

22. IF MULTIPLE COMPL.,
HOW MANY*

Single

23. INTERVALS
DRILLED BY

Rotary

ROTARY TOOLS

CABLE TOOLS

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

1180-1187'

929-939'

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Correlation; GR-SP-Resistivity Density

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
7"	23#	87' GL	8-3/4"	41 cf Class "B" Neat	-
2-7/8"	6.4#	1321' GL	5"	200 cf - 75 sx Class "B" Neat, 2%	-
Lodense, followed by 50 sx. Class "B" Neat.					

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					None	-	-

31. PERFORATION RECORD (Interval, size and number)

1180-1187' w/one 1-11/16" aluminum jet/ft.
w/0.38" entrance hole. Total of 8 shots.
929-939' w/one 1-11/16" aluminum jet/ft. w/
0.38" entrance hole. Total of 11 shots.
(19 SHOTS TOTAL).

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
-	-

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
6-22-83**		Flowing				S.I.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-29-83	3	1/2"	→	-	8.50	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
None	1 psi	→	-	68	-	-	

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

Vented during test - to be sold

35. LIST OF ATTACHMENTS

* Operator changed from Southland Royalty - Approved 5-25-83.

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

SIGNED

Jim Jacobs

TITLE

Geologist

DATE

JUL 7-9-1983

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

** 1st hydrocarbons in well bore - not yet first delivered.

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.

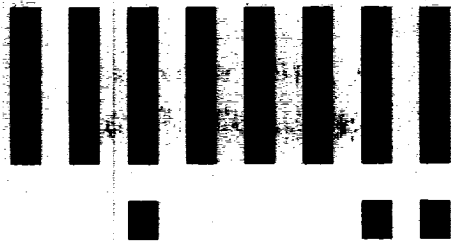
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

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:				38. GEOLOGIC MARKERS		
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	TRUE VERT. DEPTH
				Kirtland Fruitland Pictured Cliffs	238' 924' 1180'	



LTR



Job separation sheet

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

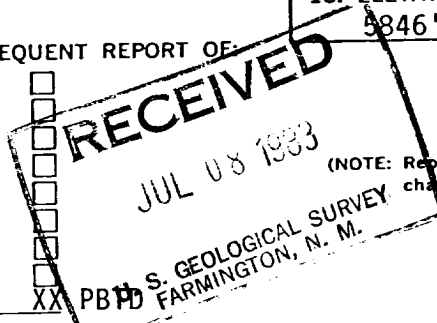
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other
2. NAME OF OPERATOR
DUGAN PRODUCTION CORP.
3. ADDRESS OF OPERATOR
P O Box 208, Farmington, NM 87499
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 810' FNL - 1080' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:
TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other)

SUBSEQUENT REPORT OF:



(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

6-22-83 MI & RU Southwest Surveys and Hinson Inc. Service Co. Ran correlation log from PBTD of 1285' to 450' and swabbed fluid level down to 1000'. Perforated 1180-1187' with one 1-11/16" aluminum jet/ft. w/0.38" entrance hole. Total of 8 shots fired. Made 2nd swab run. No fluid entry or show of gas. Poured two 55 gal. drums of water in hole and perforated 929-939' with one 1-11/16" aluminum jet/ft w/0.38" entrance hole. Total of 11 shots fired. Made 1st swab run from 1000'. Slight show of gas ahead of swab with very weak blow after swab. Made 2nd swab run from 1000'. No fluid entry. Slight show of gas ahead of swab and very weak blow after swab. Waited 15 mins. and made 3rd swab (continued on reverse)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Jim I. Jacobs TITLE Geologist DATE 7-7-83
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

JUL 19 1983

DUGAN PRODUCTION CORP.
Hugh Lake #3 (Continued)

6-22-83 run to PBTD. Recovered 120' of fluid with very weak blow of gas throughout. Waited 15 mins. and made 4th swab run. No fluid entry and weak flow of gas throughout. Rigged down and moved. SICP built to 225 psi in approx. 6 hrs.