

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)Form approved,
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐		5. LEASE DESIGNATION AND SERIAL NO. NM 36474	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR DUGAN PRODUCTION CORP.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P O Box 208, Farmington, NM 87499		8. FARM OR LEASE NAME Muddy Mudda	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 790' FNL - 1040' FWL At top prod. interval reported below At total depth		9. WELL NO. 1	
14. PERMIT BUREAU OF LAND MANAGEMENT FARMINGTON 3-16-84		10. FIELD AND POOL, OR WILDCAT Bisti Lower Gallup	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 21 T24N R9W, NMPM		12. COUNTY OR PARISH San Juan	
13. STATE NM		19. ELEV. CASINGHEAD 6898' GL	
15. DATE SPUDDED 4-27-84	16. DATE T.D. REACHED 5-6-84	17. DATE COMPL. (Ready to prod.) 5-24-84	18. ELEVATIONS (DF, RKB, ST, GR, ETC.)* 6898' GL; 6910' RKB
20. TOTAL DEPTH, MD & TVD 6507'	21. PLUG, BACK T.D., MD & TVD 6449'	22. IF MULTIPLE COMPL., HOW MANY* **	23. INTERVALS DRILLED BY TD
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5065-5477', Gallup			25. WAS DIRECTIONAL SURVEY MADE NO
26. TYPE ELECTRIC AND OTHER LOGS RUN IES-CDL, GR-CCL			27. WAS WELL CORED NO
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24#	206' RKB	12-1/4"
4-1/2"	10.5#	6507' RKB	7-7/8"
50-50 B-poz w/ 2% gel & 1/4# cello flk & 100 sx class B w/ 1/4# cello flk. See reverse.			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
None			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	6264'		
31. PERFORATION RECORD (Interval, size and number) 5065, 71, 88, 90, 93; 5219, 25, 27, 29, 40, 48, 51, 55, 72, 81, 87, 92; 5316, 18, 20, 27, 38, 50, 54, 56, 58, 60, 88, 90, 92, 96; 5403, 19, 21, 23, 27, 35, 43, 47, 53, 77. Total of 41 holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5065-5477'		72,000 gal. slick water & 94,098# 20/40 sand	
33.* PRODUCTION			
DATE FIRST PRODUCTION 8-25-84*		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing	
WELL STATUS (Producing or shut-in) SI			
DATE OF TEST 8-25-84	HOURS TESTED 6	CHOKE SIZE 1"	PROD'N. FOR TEST PERIOD →
OIL—BBL. 8	GAS—MCF. 14	WATER—BBL. 10 (frac)	GAS-OIL RATIO 1591
FLOW, TUBING PRESS. 120	CASING PRESSURE 520	CALCULATED 24-HOUR RATE →	OIL—BBL. 32
GAS—MCF. 56	WATER—BBL. 40 (frac)	OIL GRAVITY-API (CORR.) 40° est.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented during test; to be sold			
TEST WITNESSED BY Jacobs			
35. LIST OF ATTACHMENTS * 1st new oil to tank. **Gallup & Dakota formations commingled downhole; application pending.			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.			
SIGNED Jill L. Jacobs		TITLE Geologist	
DATE SEP 19 1984		DATE 9-6-84	
FARMINGTON RESOURCE AREA		Smm	
* (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.	38. GEOLOGIC MARKERS	MEAS. DEPTH	TRUE VERT. DEPTH
			Item #28 - 2nd stg cement for 4 1/2" csg.: 1224 cf (525 sx 65/35 B-poz w/ 12% gel & 1/4" cello seal/sk & 50 sx 50/50 B-poz w/ 2% gel & 1/4" cello seal/sk. Total slurry 1834 cf.	Ojo' Alamo Kirtland Fruitland Pictured Cliffs Lewis Mesaverde Point Lookout Mancos Gallup Greenhorn Graneros Dakota	965' 1097 1272 1697 1847 2518 4160 4355 4743 6120 6185 6277	