

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>

5. State Oil &amp; Gas Lease No.

LH-1896

7. Unit Agreement Name

8. Farm or Lease Name

Wit's End

9. Well No.

3

10. Field and Pool, or Wildcat

Undes. Gallup

12. County

San Juan

1a. TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐OTHER ☐

b. TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESV. ☐

2. Name of Operator

DUGAN PRODUCTION CORP.

3. Address of Operator

P O Box 208, Farmington, NM 87499

4. Location of Well

UNIT LETTER K LOCATED 1500 FEET FROM THE South LINE AND 1980 FEET FROMTHE West LINE OF SEC. 2 TWP. 23N RGE. 10W NMPM

15. Date Spudded

5-22-85

16. Date T.D. Reached

5-27-85

17. Date Compl. (Ready to Prod.)

6-18-85

18. Elevations (DF, RKB, RT, GR, etc.)

6740' GL; 6752' RKB

19. Elev. Casinghead

6740'

20. Total Depth

4898'

21. Plug Back T.D.

4855'

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

T.D.

Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

4563 - 4839' - Gallup

25. Was Directional Survey Made

no

26. Type Electric and Other Logs Run

IEL, CDL, GR-CCL

27. Was Well Cored

no

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8" OD	24#	208' RKB	12-1/4"	159 cf class "B" + 2% CaCl <sub>2</sub>	---
4-1/2" OD	10.5#	4898' RKB	7-7/8"	1379 cf in 2 stages	---
(See reverse side for details of cementing record)					

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	4807' RKB	

31. Perforation Record (Interval, size and number)

4563, 72, 83, 87, 90; 4601, 06, 11, 39, 50, 62, 71, 80, 93; 4705, 23, 34, 39, 44, 59, 60, 65, 75, 76, 77, 78, 79, 80, 81, 82, 89, 97; 4803, 15, 17, 19, 22, 39. Total of 38 holes - 0.34".

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4563-4839'	93,000 gals slickwater
	124,000 lbs 20/40 sand

33. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
6-18-85		Swabbing				Shut-in	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
6-20-85	6 1/2	---		30	20	*60	667
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
---	420		111	74	*222	40 est.	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented during test

Test Witnessed By

Jacobs

35. List of Attachments

\*All water is frac water.

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Jim L. JacobsTITLE GeologistDATE June 21, 1985

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland <u>460'-790'</u>	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs <u>1150'</u>	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House <u>2230'</u>	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout <u>3553'</u>	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos <u>3710'</u>	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup <u>4367'</u>	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingare _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

## OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____	feet _____
No. 2, from _____ to _____	feet _____
No. 3, from _____ to _____	feet _____
No. 4, from _____ to _____	feet _____

## FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
			28. Cementing Record (con't from front page) Cement 1st stage w/200 sx 50/50 poz w/2% gel & 1/4# flocele/sk. (slurry=254 cf).  Cement 2nd stage w/ 440 sx 65/35 + 12% gel + 1/4# flocele/sk, followed by 120 sx 50/50 poz w/ 2% gel + 1/4# flocele/sk. (slurry = 1125 cf).				