

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTForm C-105
Revised 10-1-78

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 & Gas Lease No.	
LH-1896	

1a. TYPE OF WELL	
OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>
b. TYPE OF COMPLETION	
NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>
DEEPEN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>
DIFF. RESVR. <input type="checkbox"/>	OTHER <input type="checkbox"/>

7. Unit Agreement Name
8. Farm or Lease Name
Wit's End

2. Name of Operator
DUGAN PRODUCTION CORP.
3. Address of Operator
P O Box 208, Farmington, NM 87499
4. Location of Well

9. Well No.
4
10. Field and Pool, or Wildcat
Undes. Gallup

UNIT LETTER	M	LOCATED	660	FEET FROM THE	South	LINE AND	660	FEET FROM
West								
THE	LINE OF SEC.	TWP.	RGE.	NMPM				
2	23N	10W						

12. County
San Juan

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
5-21-85	5-26-85	6-13-85	6719' GL; 6731' RKB	6719'

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
4870'	4810'			T.D.	

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
4508' - 4794' - Gallup	no

26. Type Electric and Other Logs Run	27. Was Well Cored
IEL, CDI, GR-CCI	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#	217' RKB	12 1/2"	159 cf class "B" + 2% CaCl ₂	---
4-1/2" OD	10.5#	4870' RKB	7-7/8"	1504 cf in 2 stages	---
(See reverse side for details of cementing record)					

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	4749'	

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4508, 27, 30, 33, 42, 45, 51, 55, 83, 93; 4604, 11, 21, 34, 49, 62, 77, 82; 4701, 05, 15, 16, 17, 18, 19, 20, 21, 22, 23, 31, 32, 43, 48, 55, 58, 61, 80, 94. Total of 38 0.34" holes.		DEPTH INTERVAL	
		4508'-4794'	
		AMOUNT AND KIND MATERIAL USED	
		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)
6-13-85	Swabbing		SI

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
6-15-85	9 hrs	---		29	*20	**150	690
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
---	260 psi		77	53	**400	40 est.	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Vented during test - test was swab test	Hall

35. List of Attachments
*Gas estimated **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. Jacobs	TITLE Geologist
		DATE 6-19-85

From	To	Thickness in Feet	Formation
<p>28. Cementing Record (con't from front page)</p> <p>Cement 1st stage w/215 sx 50/50 poz w/2% gel + $\frac{1}{4}$# flocele/sk. (slurry=273 cf).</p> <p>Cement 2nd stage w/485 sx 65/35 poz + 12% gel + $\frac{1}{4}$# flocele/sk, followed by 125 sx 50/50 poz + 2% gel + $\frac{1}{4}$# flocele/sk. (slurry=1231 cf).</p>			