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OIL AND GAS CONSERVATION COMMISSION
DEPARTMENT OF NATURAL RESOURCES
OF THE STATE OF COLORADO

File in triplicate for Patented and Federal lands.
File in quadruplicate for State lands.

RECEIVED

JAN 26 1971

COLO. OIL & GAS CONS. COMM.

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 21, T2N, R53W

12. COUNTY

13. STATE

Washington

Colorado

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
Patrick A. Doheny

3. ADDRESS OF OPERATOR
136 El Camino, Beverly Hills, California 90212

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1830' from south line and 660' from east line
At top prod. interval reported below
At total depth
Approximately the same.

14. PERMIT NO. 70-737 DATE ISSUED 12-17-70

15. DATE SPUDDED 1-4-71 16. DATE T.D. REACHED 1-12-71 17. DATE COMPL. (Ready to prod.) 1-12-71 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) Gr. 4655' KB 4661' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5037' 21. PLUG, BACK T.D., MD & TVD Surface 22. IF MULTIPLE COMPL., HOW MANY 23. INTERVALS DRILLED BY All 24. ROTARY TOOLS None 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)
25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Induction-Electrolog 27. WAS WELL CORED YES NO (Submit analysis) DRILL STEM TEST YES NO (See reverse side)

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#	162'	12 1/4"	100 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)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	DVR ✓
	FJP ✓
	HHM ✓
	JJM ✓
	JJD ✓

33. PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'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
Induction-Electrolog

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

SIGNED G. W. Reed TITLE Agent DATE 1-22-71

See Spaces for Additional Data on Reverse Side

copy

SCANNED

released

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.
<u>"D" Sand</u>	4832	4842	Sand, gray, shaly and dirty, very fine, silty. Low porosity and permeability, contains water, no fluorescence or oil shows.
	4845	4860	Sand, very fine grained, dirty and shaly, low p&p, no shows.
	4860	4872	Sand, white, fine to medium grained, fair porosity and permeability, no shows.
<u>"J" Sand</u>	4906	4914	Sand, very fine grained, shaly and dirty, very low p&p, many fine shale laminae, no shows.
	4914	4926	Sand, fine to medium grained, friable, some slight clay fill, poor to fair porosity, water wet, no shows.
	4940	4950	Sand, quartzitic, very hard, glossy, very low p&p, no shows.
	4950	4992	Sand, mostly fine grained, top 10' has clay filling, poor p&p, water wet. Lower part of sand is fine to medium grained, contains black shale specules and glauconite, no shows.
	5010	5037	Sand, white, medium grained, slight clay fill, friable, water wet.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
<u>Formation</u>	<u>Log Depth</u>	<u>Datum</u>
Niobrara	3954	+ 707
Fort Hays	4354	+ 307
Carlile	4410	+ 251
Greenhorn	4514	+ 147
Bentonite	4739	- 78
"D" Sand	4832	- 171
"J" Sand	4906	- 245
Total Depth	5037	