

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

RECEIVED

FEB 5 1979

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

COLORADO OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Drum

9. WELL NO.

2-A

10. FIELD AND POOL, OR WILDCAT

Wildcat (Bowen) Unnamed

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

Section 5, T2N, R53W

12. COUNTY

Washington

13. STATE

Colorado

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' FNL & 1830' FWL of NW/4 (SE/4 NW/4) Section 5

At top prod. interval reported below

At total depth Approximately the same.

14. PERMIT NO. 79-3 DATE ISSUED 1-4-79

15. DATE SPUDDED 1-3-79 16. DATE T.D. REACHED 1-8-79 17. DATE COMPL. (Ready to prod.) 1-8-79 (Plug & Abd.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) G1 4519' KB 4528' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4892' (Driller) Surface 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 None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 25. WAS DIRECTIONAL SURVEY MADE

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#	170' KB	12 1/2"	130 sacks	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 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)

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 Richard E. Ebener TITLE Agent DATE February 2, 1979

CONFIDENTIAL See Spaces for Additional Data on Reverse Side TO August 5, 1979 CONFIDENTIAL

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>	4722	4727	Siltstone, hard, tite, shaly.
	4727	4740	Sand, medium grained, friable, good p&p, water wet, 1 or 2 pieces with very lite staining, poor fluorecence.
	4740	4768	Sand, white, fine to medium grained, fine shale laminae, water wet, no shows.
<u>"J" Sand</u>	4806	4810	Sand, hard, tite, low p&p, very fine grained, no shows. Trip for bit #2 @4810 - poor sample return.
	4810	4822	Sand fine to medium grained, slightly shaly and dirty, poor fluorecence, very lite spotty staining, poor cut, looks water wet.
	4824	4830	Sand, fine grained, hard and tite, poor p&p, possible show, appears water wet.
	4836	4842	Sand, medium to coarse grained, very friable, very good porosity and permeability, fair stain and fluorecence, poor cut.
	4842	4856	Sand, medium to coarse grained, very friable, clay filled, some iron staining, water wet, no shows.
	4856	4876	Sand, gray, salt & pepper, medium grained, water wet, no shows. (Because of hole in drill pipe samples were erratic in upper "J" Sand).

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
<u>Formation</u>	<u>Log Depth</u>	<u>Datum</u>
Niobrara	3910	+ 618
Fort Hays	4244	+ 284
Codell	4286	+ 242
Carlile	4300	+ 228
Greenhorn	4408	+ 120
Bentonite	4630	- 102
"D" Sand	4722	- 194
"J" Sand	4806	- 278
Total Depth	4892	

ROUTING SLIP

Date Permit Received

1/18/78

DVR	<input checked="" type="checkbox"/>
FJP	<input checked="" type="checkbox"/>
HHM	<input type="checkbox"/>
JAM	<input checked="" type="checkbox"/>
JJD	<input checked="" type="checkbox"/>
RLS	<input type="checkbox"/>
CGM	<input checked="" type="checkbox"/>

1/4/79

PERMIT NO. 79-3

BOND Blanket

Plotted

Date of Check 1/2/79

Check # 31983 Amt. \$ 75.00

Name of Company Patrick A. Doherty

Maker of Check Same

Bank Check Issued On Security Pacific Natl. Bank

Beverly Hills Calif.

Refund \$ _____ Requested By _____

Date Refund Request Sent to Accounting _____

Remarks _____