

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

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File one copy for Patented, Federal and Indian lands.
File in duplicate for State lands.

COLO. OIL & GAS CONS.

COMPASS DESIGNATION AND SERIAL NO.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____						7. UNIT AGREEMENT NAME _____	
2. NAME OF OPERATOR Patrick A. Doheny Operator No. 24500						8. FARM OR LEASE NAME Knight	
3. ADDRESS OF OPERATOR 136 El Camino, Beverly Hills, California 90212						9. WELL NO. 2-A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 600' FNL & 2040' FEL (NW/4 NE/4) Section 35 At top prod. interval reported below At total depth Approximately the same.						10. FIELD AND POOL, OR WILDCAT Wildcat	
NAME OF DRILLING CONTRACTOR J. W. Gibson Well Drilling Company						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 35, T2N, R55W	
14. PERMIT NO. 84-097		DATE ISSUED 2-1-84		12. COUNTY Morgan		13. STATE Colorado	
15. DATE SPUDDED 2-21-84		16. DATE T.D. REACHED 2-26-84		17. DATE COMPL. (Ready to prod.) 2-26-84 (Plug & Abd.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 4474.5' GR 4483' KB	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 5120' (Driller) 5120' (Log)		21. PLUG, BACK T.D., MD & TVD Surface		22. IF MULTIPLE COMPL., HOW MANY	
23. INTERVALS DRILLED BY All		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 Electric Log	
27. WAS WELL CORED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (Submit analysis) DRILL STEM TEST YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See reverse side)							
28. CASING RECORD (Report all strings set in well)							
CASING SIZE 8-5/8"		WEIGHT, LB./FT. 24#		DEPTH SET (MD) 136' KB		HOLE SIZE 12 1/4"	
CEMENTING RECORD 90 sacks		AMOUNT PULLED None					
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT	
SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
30. TUBING RECORD							
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 GRAVITY-API (CORR)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Induction Electric Log							
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 March 22, 1984	

See Spaces for Additional Data on Reverse Side

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>	4963	4970	Sandstone - white to light gray, fine to very fine grained, micaceous, pyritic, carbonaceous debris on bedding planes, shale parting, non-calcareous, friable to firm, no shows.
	4978	4985	Sandstone - as above, becoming tan, limy, hard, concretionary, argillaceous. No shows.
	4994	5006	Sandstone - white to light gray, fine grained, subangular, well sorted, carbonaceous specks, clay filled, shale inclusions, non to slightly calcareous, trace of pyrite, firm to hard, no shows.
<u>"J" Sand</u>	5052	5057	Sandstone - dark gray-brown, fine grained, mottled, shaley, slightly calcareous, "dirty" appearance, hard, no shows.
	5064	5073	Sandstone - white to light gray, fine to medium grained, subangular, interlocking grains, calcareous cement, firm to hard, clay filled, shale spicules. No shows.
	5080	5090	Sandstone - buff to light gray, very fine grained, thinly bedded, shale parting, trace of carbonaceous specks, non-calcareous, friable to firm, no shows.
	5090	5108	Sandstone - buff to light gray, fine grained, subangular, clay filled, shale spicules, trace of carbonaceous specks, firm to hard, no shows.
	5108	5120	Sandstone - buff to light gray, fine grained, subrounded, well sorted, clay filled, non-calcareous, friable, no shows.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
<u>Formation</u>	<u>Log Depth</u>	<u>Datum</u>
Niobrara	4091'	+ 392'
Fort Hays	4480'	+ 3'
Carlile	4539'	- 56'
Greenhorn	4630'	- 147'
Bentonite	4868'	- 385'
"D" Sand	4963'	- 480'
"J" Sand	5052'	- 569'
Total Depth	5120'	

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