

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADOin triplicate for Patented and Federal lands.
in quadruplicate for State lands.

RECEIVED

DEC - 5 1969

COLO. OIL & GAS CONS. COMM.

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

Union Pacific Railroad Company

3. ADDRESS OF OPERATOR

5480 Ferguson Drive, Los Angeles, California 90022

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 660' N of S line and 660' E of W line,

C SW SW, Section 1, T 16 S, R 45 W

At top prod. interval reported below

At total depth Same

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Golden Spike Field

9. WELL NO.

UPRR Nininger 14-1

10. FIELD AND POOL, OR WILDCAT

Golden Spike Field

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

Section 1,
T 16 S, R 45 W

12. COUNTY

Cheyenne

13. STATE

Colorado

15. DATE SPUDDED

8-8-69

16. DATE T.D. REACHED

9-10-69

17. DATE COMPL. (Ready to prod.)

9-23-69 (Plug & Abd.)

18. ELEVATIONS (DF, REB, RT, GR, ETC.)

4329'

19. ELEV. CASINGHEAD

9'

20. TOTAL DEPTH, MD & TVD

5610'

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY

23. INTERVALS DRILLED BY

ROTARY TOOLS

0'-5610'

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)

Upper Osage 5455' - 5459'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

(See reverse side)

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
10-3/4"	31	627'	13-3/4"	200 sax (50-50 Pozmix) plus 3% CaCl ₂	125 sax plus 3% CaCl ₂
5-1/4"	15.5	5604'	7-7/8"	110 sax 2% Gel 10% Salt 1% CFR-2	215 Sax (50-50 Pozmix) 10% Salt

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-7/8"	5477'	

31. PERFORATION RECORD (Interval, size and number)

5455' - 5459'
4 shots per foot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9-29-69		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-19-69	24	---	→	88	0	132	0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
---	---	→	88	0	132	40.0	

34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.)

Fuel

TEST WITNESSED BY

W. L. Arbsland

35. LIST OF ATTACHMENTS

None

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

Manager - Operations Petroleum

SIGNED

TITLE

Natural Resources Division

DATE

11-26-69

See Spaces for Additional Data on Reverse Side

oil 3

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>OHT No. 1</u>			
Basal			
Kansas City	4617'	4637'	
Initially open 15 min. with good blow throughout. Initial shut in 90 min. Open 90 min. Gas to surface in 5 min. Too small to measure. Recovered 550' fluid, consisting of 190' of heavily oil and gas cut mud, 60' of heavily gas and slightly oil cut water, 300' of heavily gas cut salt water. Resistivity of water: .18 at 70° F. LFP 67-117 psi, ISIP 1149 psi, FFP 117-233 psi, FSIP 1015 psi, HH 2169-2169 psi, BHT 140° F.			
<u>OHT No. 2</u>			
Spergen-			
Warsaw-Osage	5328'	5531'	
Tool plugged.	Mis-run.		
<u>OHT No. 3</u>			
St. Louis	5270'	5315'	
Straddle test. Tool open for 109 min. with faint blow, increased to weak in 30 min., decreased to dead in 90 min. Shut in 120 min. Recovered 30' drlg. mud, no shows. No sample chamber run because of plugging problems. Charts indicated that some plugging of perms. occurred, but test was considered as valid. IFP 49-365 psi, ISIP 963 psi, HH 2674-2665 psi. BHT 128° F.			
<u>Type Electric and Other Logs Run</u>			
<u>Dual Induction-Laterolog, Formation Density Log, Sidewall Neutron Porosity Log and Proximity Log.</u>			
			Cement

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Dakota	1623'	
Day Creek	2464'	
Blaine	2808'	
Stone Corral	2962'	
Neva	3626'	
Foraker	3701'	
Virgil	3851'	
Shawnee	4040'	
Missouri	4261'	
Des Moines	4642'	
Cherokee	4788'	
Atoka	4938'	
Morrow	5056'	
Keyes	5162'	
St. Louis	5234'	
Spergen	5344'	
Osage	5455'	
St. Joe	5515'	