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DEC - 5 1969

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OGCC FORM 5
REV. 7-64

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADO

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

COLO. OIL & GAS CONS. COMM.

5. LEASE DESIGNATION AND SERIAL NO.
Golden Spike Field

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

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 _____

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 **----->** 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)
None				

30. TUBING RECORD **0.5% CFR-2**

SIZE	DEPTH SET (MD)	PACKER SET (MD)
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 **9-29-69** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Pumping** WELL STATUS (Producing or shut-in) **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 **[Signature]** TITLE **Natural Resources Division** DATE **11-26-69**

See Spaces for Additional Data on Reverse Side

aH

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>			
			<i>Cement</i>

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'	

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COPIED ON 8/22/50