

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

Other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. NM-0505999	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Jack J. Grynberg		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1050 - 17th Street, Suite 1950, Denver, Colorado 80202		8. FARM OR LEASE NAME Federal "A"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2310 FSL & FWL Sec. 21, T 15 S - R 29 E At top prod. interval reported below At total depth As Above		9. WELL NO.	
14. PERMIT NO.		13. STATE New Mexico	
DATE ISSUED 1/30/74		12. COUNTY OR PARISH Chaves Co	
15. DATE SPUDDED 2/1/74		10. FIELD AND POOL, OR WILDCAT Lucky Lake South	
16. DATE T.D. REACHED 2/7/74		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 21, T 15 S - R 29 E	
17. DATE COMPL. (Ready to prod.) 2/7/74 D & A		19. ELEV. CASINGHEAD 3804	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3804 GL 3809.5 KB		20. TOTAL DEPTH, MD & TVD 1730' Log TD	
21. PLUG, BACK T.D., MD & TVD None		22. IF MULTIPLE COMPL., HOW MANY* None	
23. INTERVALS DRILLED BY 0-1720		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* None	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Dresser Atlas-BHC Acoustilog/GR/ Ca1	
27. WAS WELL CORDED yes		28. CASING RECORD (Report all strings set in well)	
CASING SIZE 8 5/8		WEIGHT, LB./FT. 21#	
DEPTH SET—(MD) 276'		HOLE SIZE 12 1/4	
CEMENTING RECORD 80 sx 50/50 pozmix 100 sx Class "G"		AMOUNT PULLED None	
29. LINER RECORD (None)		30. TUBING RECORD (None)	
SIZE TOP (MD) BOTTOM (MD)		SIZE DEPTH SET—(MD) PACKER SET (MD)	
SACKS CEMENT*		SCREEN (MD)	
31. PERFORATION RECORD (Interval, size and number) None		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. None	
33. PRODUCTION		WELL STATUS (Producing or shut-in) D & A	
DATE FIRST PRODUCTION None		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
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.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY FEB 19 1974	
35. LIST OF ATTACHMENTS Daily Drilling Report		U.S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO	
36. I hereby certify that the foregoing and attached information is complete and correct as determined by the records		SIGNED Cecil D. Gritz TITLE Petroleum Engineer DATE 2/12/74	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 28, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sticks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Triassic	0	120	Red Beds	Rustler	120	Same
Rustler	120	244	Anhydrite & Red Bed	Salado	244	Same
Salado	244	802	Salt	Yates	954	Same
Tansill	802	954	Anhydrite & Salt	Seven Rivers	1084	Same
Yates	954	1084	Red Sand Salt & Shale	Queen	1684	Same
Seven Rivers	1084	1684	Anhydrite Red Sand & Salt			
Queen	1684	1720	Sand Anhydrite & Salt			

JACK GRYNBERG AND ASSOCIATES
Petroleum, Geological, Geophysical and Mining Engineers

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(303)572-1455

DAILY DRILLING REPORT

Prospect/Area ROUND TANK QUEEN

Operator: Jack J. Grynberg County: Chaves State: New Mexico

Well Name: ROUND TANK QUEEN Well No.: 1

Location: NE SW Section: 21 Twp: 15 S Rge: 29 E

Elevations: 3804' Grd: _____ DF: _____ KB: _____

Well Type: Wildcat: _____ Development: _____ Other: _____

Objective Zone(s): Queen Depth: 1750±

Contractor: Osborn Drilling Co.

Spud: 8:30 p.m. 1/31/74 Completed: _____ Status: _____

DATE	DEPTH	PROGRESS
1/30/74	0'	Started building location.
1/31/74	0'	Completed location and MIRU Osborn Drilling Co. rotary rig. Spudded well 8:30 p.m. on 1/31/74.
2/1/74	40'	7:00 a.m. Drilling 12 $\frac{1}{4}$ " sfc. hole.
2/2/74	281'	Drilled to 281'. Circ. and cond. hole to run sfc. csg. Ran 7 jts. 8 5/8" 21# casing. Set @ 270 GL. Cemented with 80 sx 50/50 pozmix w/2% CaCl ₂ , 1/4 #flocel, followed by 100 sx Cl. "G" w/2% CaCl ₂ , 1/4 # flocel. Good returns throughout. Cm't. returns to surface. PD 8:15 a.m. 2/2/74.
2/3/74	937'	Drilling. Nippled up BOP equipment. Drilled cmt. and shoe 9:00 p.m. 2/2/74.
2/4/74	1274'	Drilling.
2/5/74	1681'	Circulating and conditioning mud. Prep to run core barrel. Drilling break: 1678' - 1681' broke from 3 min./ft. to 1/2 min/ft.
2/6/74	1695'	Repairing swivel. Pulled pipe, picked up and ran core barrel. Started coring 1681' swivel froze at 1695'. Plan to resume coring approximately 2:00 p.m. today.
2/7/74	1710'	Reaming core hole. Cut core #1 as follows: 1681-1710', cut 29' and recovered 29'. 1681 - 85 Salt, red shale, anhyd. 85 - 87.5 Red sandy shale, anhyd. 87.5 - 93.5 Anhyd. 93.5 - 94.5 Gray f. xtln, sdy, & sli. anhyd. dolo. 94.5 - 97.5 Red silty sand 97.5 - 1708 SS, gray, fg, tite w/ closely finely laminated red slty sd. <u>No shows!</u>
2/8/74	1730'	1708 - 1710 Anhyd. Moving off rotary tools. Reamed core hole. Drilled to 1730. Ran Dresser Atlas BHC A/ GR/ Cal. Plugged well as follows: 100' plug 1620-1720 100' plug 750- 850 100' plug 225- 325 20 sx sfc plug Pumped heavy mud between plugs. FINAL REPORT!

RECEIVED

FEB 19 1974

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO