

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

LC-067132

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal Sivilay Denton

9. WELL NO.

1-20

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 20, T18S., R29E.

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

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

John H. Trigg

3. ADDRESS OF OPERATOR

P. O. Box 520, Roswell, New Mexico, 88201

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

At surface **660 Feet From South & East Lines**

At top prod. interval reported below **660 Feet From South & East Lines**

At total depth **660 Feet From South & East Lines**

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

10/11/64

16. DATE T.D. REACHED

11/17/64

17. DATE COMPL. (Ready to prod.)

11/24/64

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

3517.2 GL 3529 KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

9228 KBM

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

8887

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 - 9228'

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

8678 - 8688

Upper Wolfcamp

26. TYPE ELECTRIC AND OTHER LOGS RUN

Continuous Directional Survey, Movable Oil

27. WAS WELL CORED

Plot, Amplitude Log, Sonic-Gamma Ray, Ind.-Elec., Laterolog, Microlaterolog NO

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#	951 KBM	11"	500 Sacks - circulated	
4 1/2"	11.6 &	8918 KBM	7 7/8"	400 Sacks	
	10.5 lb				

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NONE					2 3/8"	8716'	8400'

31. PERFORATION RECORD (Interval, size and number)

8678 - 8688'

2/ft., Total 20 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8678-8688	500 Gal. Muc Cleanout Acid

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or Abandoned)	
11/20/64		Flow				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/25/64	14 hrs.	14/64	→	159 bbls.	Not Meas.		N. Meas.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
800#	Packer	→	271 bbls.	Not Meas.		42.3°	

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

Vented

35. LIST OF ATTACHMENTS

Two copies each of above listed logs, three copies of Deviation Survey, two copies each of DST's 1, 2, 3, & 4.

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

SIGNED **ORIGINAL SIGNED BY**
G. E. Harrington

TITLE **Geologist**

DATE **November 25, 1964**

*(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 33, 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: "Sacks 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
DST No. 1 Upper Wolfcamp	8598	8660	Interbedded limestone mottled white-brown, earthy, very finely crystalline with chert and quartz inclusions, dolomite, white-tan, dense to coarsely crystalline, silty, and silty shale, black-dark brown, dolomitic - no fluids	Bustler Salado Yates Seven Rivers Queen Grayburg San Andres First Bone Springs Sand Third Bone Springs Sand Wolfcamp	198 325 994 1366 2006 2370 2875 6675 8340 8603	
DST No. 2 & 3 Upper Wolfcamp	8666	8700	Dolomite, white, dense - very coarsely crystalline, vugular - oil, gas, and water			
DST No. 4 Upper Wolfcamp	9010	9030	Dolomite, white to light gray, dense to very coarsely crystalline, vugular - sulphury salt water			

JOHN H. TRIGG COMPANY

DEVIATION SURVEY

FEDERAL SIVLEY DENTON NO. 1-20
SEC. 20, T18S., R29E.
EDDY COUNTY, NEW MEXICO

<u>DATE</u>	<u>TEST DEPTH</u>	<u>DEGREES</u>
October 11, 1964	217	0°
October 12, 1964	950	1 1/2°
October 14, 1964	1675	1°
October 15, 1964	2228	1°
October 17, 1964	3000	1 1/4°
October 20, 1964	3945	1 1/4°
October 21, 1964	4513	3 1/4°
October 21, 1964	4540	2 1/2°
October 21, 1964	4590	3°
October 22, 1964	4701	3°
October 22, 1964	4850	2 1/2°
October 22, 1964	4980	2°
October 22, 1964	5143	2°
October 23, 1964	5394	3 1/4°
October 24, 1964	5449	4 1/4°
October 24, 1964	5511	5 3/4°
October 24, 1964	5638	6 1/4°
October 24, 1964	5710	5 3/4°
October 24, 1964	5741	6 1/4°
October 25, 1964	5773	5 1/2°
October 25, 1964	5804	5°
October 25, 1964	5930	3 1/2°
October 26, 1964	5996	3 1/4°

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DEC 1 1964

O. C. C.
ARTESIA, OFFICE

RECEIVED
FEDERAL SIVLEY DENTON
EDDY COUNTY, NEW MEXICO

JOHN H. TRIGG COMPANY

44-38861-1492

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 01-10-2001 BY 60322

DATE	TIME	LOCATION
10/10/1964	10:10	10:10
10/11/1964	10:11	10:11
10/12/1964	10:12	10:12
10/13/1964	10:13	10:13
10/14/1964	10:14	10:14
10/15/1964	10:15	10:15
10/16/1964	10:16	10:16
10/17/1964	10:17	10:17
10/18/1964	10:18	10:18
10/19/1964	10:19	10:19
10/20/1964	10:20	10:20
10/21/1964	10:21	10:21
10/22/1964	10:22	10:22
10/23/1964	10:23	10:23
10/24/1964	10:24	10:24
10/25/1964	10:25	10:25
10/26/1964	10:26	10:26
10/27/1964	10:27	10:27
10/28/1964	10:28	10:28
10/29/1964	10:29	10:29
10/30/1964	10:30	10:30
10/31/1964	10:31	10:31

JOHN H. TRIGG COMPANY

<u>DATE</u>	<u>TEST DEPTH</u>	<u>DEGREES</u>
October 27, 1964	6316	1 1/4°
October 28, 1964	6552	1 1/4°
October 28, 1964	6691	1 1/4°
October 28, 1964	6709	1°
October 31, 1964	7416	2 1/4°
November 1, 1964	7653	1 3/4°
November 2, 1964	7853	1 3/4°
November 4, 1964	8406	3/4°

I hereby certify that the above deviation tests, to the best of my personal knowledge, were taken and are correct as listed on the daily drilling reports for this well.

Signed _____

Title Geologist

Date _____

SUBSCRIBED AND SWORN BEFORE ME, A NOTARY PUBLIC, IN AND FOR THE COUNTY OF _____, STATE OF NEW MEXICO ON THIS _____ DAY OF _____, 1964.

Signed _____

NOTARY PUBLIC

MY COMMISSION EXPIRES:

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DEC 1 1964

O. C. C.
ARTESIA, OFFICE

RECEIVED

NOV 27 1964
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

YMDKDO BEHT H KROL

DATE	TIME	LOCATION
1961-10-10	10:00	1000 ft. (1000 ft. depth)
1961-10-11	10:00	1000 ft. (1000 ft. depth)
1961-10-12	10:00	1000 ft. (1000 ft. depth)
1961-10-13	10:00	1000 ft. (1000 ft. depth)
1961-10-14	10:00	1000 ft. (1000 ft. depth)
1961-10-15	10:00	1000 ft. (1000 ft. depth)
1961-10-16	10:00	1000 ft. (1000 ft. depth)
1961-10-17	10:00	1000 ft. (1000 ft. depth)
1961-10-18	10:00	1000 ft. (1000 ft. depth)
1961-10-19	10:00	1000 ft. (1000 ft. depth)
1961-10-20	10:00	1000 ft. (1000 ft. depth)

1. The first step in the process of identifying a problem is to define the problem. This involves identifying the symptoms of the problem and determining the scope of the problem. Once the problem has been defined, the next step is to identify the causes of the problem. This involves identifying the factors that are contributing to the problem and determining the underlying causes. Once the causes have been identified, the next step is to develop a plan of action. This involves identifying the steps that need to be taken to solve the problem and determining the resources that will be needed to implement the plan. Once a plan of action has been developed, the next step is to implement the plan. This involves carrying out the steps that have been identified in the plan and monitoring the progress of the implementation. Finally, the last step in the process is to evaluate the results of the implementation. This involves determining whether the problem has been solved and whether the resources have been used effectively.

TRANSITION

PAGE TWO
NY TEL MAY TWENTY LAST.
RE NEW YORK TELETYPE TO BUREAU AND PHOENIX MAY SEVENTEEN LAST.

END

SECRET 7 (A) (S)

THE UNIVERSITY OF CHICAGO

SECRET

LOST & FOUND

YOUNG JAMES EARL RAY

OCT 24 1967