

Subsequent Report of Well Drilling

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

Checked by Chief PMB

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed 1-11-66

Location Inspected

OW..... WW..... TA.....

Bond released

GW..... OS..... PA

State of Fee Land

LOGS FILED

Driller's Log 2-3-66

Electric Logs (No. 1-NLR)

E..... I..... E-I..... GR..... GR-N..... Micro.....

Lat..... Mi-L..... Sonic..... Others.....

hup
8-15-90

DA

PKB

PLUGGING PROGRAM FORM

Name of Company Wagner-Fuller Co. Verbal Approval Given To: [Signature]

Well Name: T-10-Z-#1 Sec. 8 T. 21 R. 6E County: Emery

Verbal Approval was given to plug the above mentioned well in the following manner:

1-11-65

30 sack cement 127'-255'
5 to 10 sacks cement at surface with
dry hole marker.
heavy mud

also, a plug across poor Ferron
sandstone development @ 2480'
(30 sacks from 2410'-2510') ✓

Date Verbally Approved: _____ Signed: [Signature]

OIL WELL LOCATION CERTIFICATE

COMPANY Tiarco Corp. and Zeller, Waggoner Oil Co.

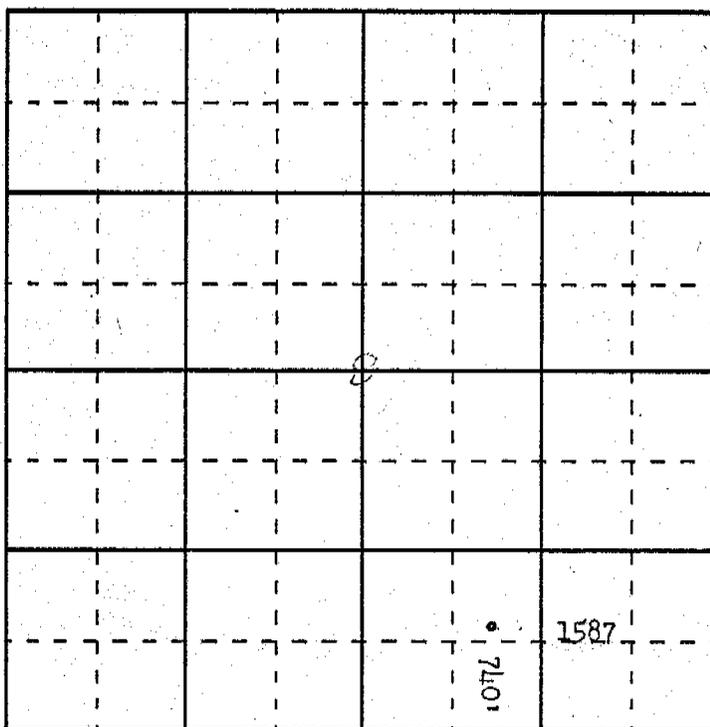
Well Name and No. Tiarco, Zeller, Waggoner No. 1 Lease No. _____

Location 1587 feet from the East line and 740 feet from the South line

Being in SW $\frac{1}{4}$ of the SE $\frac{1}{4}$

Section 8, T. 21 S, R. 6 E, SLM Emery County, Utah

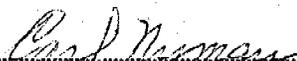
Ground Elevation 6614



Scale—4 inches equals 1 mile

Surveyed December 28, 1965

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



 Registered Professional
 Engineer and Land Surveyor

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Waggoner and Zeller Oil Company

3. ADDRESS OF OPERATOR
 317 North Willis, Suite 7, Abaline, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 1587' FEL and 740' FSL of Sec 8-21S-6E, SLM
 At proposed prod. zone NE, SW, SE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 8 Miles Northwest of the town of Emery, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE
 25,017.09

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
 3000' Dakota

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6614' Ground

22. APPROX. DATE WORK WILL START*
 12-31-65

5. LEASE DESIGNATION AND SERIAL NO.
 U-092212

6. IS INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Muddy Creek

9. WELL NO.
 Tiarco, Waggoner
 Zeller No. 1

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC, T, R, M, OR BLM, AND SURVEY OR AREA
 Sec 8-21S-6E, SLM

12. COUNTY OR PARISH
 Emery

13. STATE
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-3/4"	8-5/8"		200'	Circulate to surface
	7-5/8"		Through Ferron if productive	

We are attempting to drill in the upthrown block of a east boundary fault. All of the oil and gas leases within 660 feet of the proposed location are owned by the operator. Therefore, we are requesting an unorthodox location as provided for in Rule C-3(c)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program if any.

24. SIGNED J. B. Lindsay TITLE Geologist DATE 12-29-65

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

FILE IN DUPLICATE

OIL & GAS CONSERVATION COMMISSION
OF THE STATE OF UTAH

DESIGNATION OF AGENT

The undersigned producer, operator, transporter, refiner, gasoline or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Rules and Regulations, and Rules of Practice and Procedure of the Oil and Gas Conservation Commission of the State of Utah, hereby appoint, Paul B. Anderson, whose address is 328 So. 10th East, S.L.P. Wash., (his, her or its) designated agent to accept and to be served with notices from said Commission, or from other persons authorized under the Oil and Gas Conservation Act of the State of Utah.

The undersigned further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designation agent is filed in accordance with said statute and said regulations.

Effective Date of Designation Jan 1, 1966

Company Waggoner-Zeller Oil Co. Address 317 No. Willis, Abilene Texas.

By Albert E. Zeller

(Signature)

Title _____

NOTE: Agent must be a resident of Utah.

January 3, 1966

Waggoner and Zeller Oil Company
317 North Willis - Suite 7
Abaline, Texas

Re: Well No. Tiarco, Waggoner Zeller #1,
Sec. 8, T. 21 S., R. 6 E.,
Emery County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted in accordance with the conversation between Mr. J. B. Lindsay and Paul W. Burchell, December 30, 1965.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer
HOME: 277-2890 - Salt Lake City, Utah
OFFICE: 328-5771 - 328-5772 - 328-5773

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGCC-8-X, which is to be completed if water sands (aquifers) are encountered while drilling, particularly accessible near surface water sands. Your cooperation with respect to completing this form will be greatly appreciated.

Waggoner and Zeller Oil Company
317 North Willis - Suite 7
Abilene, Texas

Page two

In as much as Mr. J. B. Lindsay signed the application to drill, we suggest that in completing the enclosed forms you name Mr. Lindsay as your agent.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:ah

Enclosures: Form OGCC-8-X and
Designation of Agent

cc: Rodney Smith, District Engineer
U. S. Geological Survey
8416 Federal Building
Salt Lake City, Utah

INDUSTRIAL COMMISSION OF UTAH

RIG SAFETY INSPECTION

Name of Company Wagoner & Keller Oil Company Date January 11, 1966
 Name of Drilling Contractor Peace Drilling Company
 Well Name and Number Wagoner & Keller Tiarco #1 Rig No. 3 Field Wildcat
 Section 9 Township 21 S. Range 6 E.
 County Moxy Driller Nick Coleman
 Number Present four Toolpusher Lee Peace
 Date of last lost-time accident Three months

Items causing lost-time accidents that have been corrected, or which need to be corrected.

Helper jumped off catwalk and landed on a board with a nail. Lost one day for a tetanus shot.

Accidents or near accidents that have recently occurred on rig. None

Any new employees in crew two Have instructions been given the new crew members Yes

	(Good) Yes	(Poor) No
Escape Line and Slide-----		<u>x (1)</u>
Ladders, Side Rails, Steps-----	<u>x</u>	
Walk-Around Floor and Railing-----	<u>x</u>	
Engines Guarded-----	<u>x</u>	
Rotary Drive Guard-----	<u>x</u>	
All High Pressure Fittings in High Pressure Lines-----	<u>x Tested at 4,000 psi and using 400 psi</u>	
Fire Hazards Controlled-----		<u>x (2) working pressure.</u>
General Housekeeping-----	<u>x</u>	
Hard Hats-----		<u>x (3)</u>
First Aid Kit-----	<u>x</u>	
Blowout Preventer-----		<u>x (4)</u>
Cellar Clean, No Debris-----	<u>x</u>	
Cathead-----	<u>x</u>	

Unsafe practices that might cause a mishap, and recommendations made for a safe method of doing the job Helpers did not seem to understand how to follow instructions.

Drillers, Toolpushers or Drilling Superintendents reactions Very cooperative.

- Remarks (1) Escape line and slide not up (drilling @ 2871')
(2) One fire extinguisher on location. I would recommend an additional one to be located on derrick floor.
(3) Mr. Peace and helper conducted operations without hard hats.
(4) Hydraulic blowout preventer is not in working condition.

NOTE: Overall inspection and rig condition considered poor, therefore, cannot vouch for safety of crew members.

Deputy Inspector PAUL W. BURCHELL - OIL & GAS CONSERVATION COMMISSION OF UTAH.

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.

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 Waggoner & Zeller Oil Co.
Tiarco Oil Company

3. ADDRESS OF OPERATOR
2 West 45 Street, New York, New York

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1587 from E line, 740' from South line, Sec. 8, T21S, R6E, S.L.M.
At top prod. interval reported below _____
At total depth _____

14. PERMIT NO. _____ DATE ISSUED _____

12. COUNTY OR PARISH Emery 13. STATE Utah

15. DATE SPUNDED Jan. 2, 1966 16. DATE T.D. REACHED Jan. 11, 1966 17. DATE COMPL. (Ready to prod.) BA 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 6614 Gr. 19. ELEV. CASINGHEAD 6614 Gr.

20. TOTAL DEPTH, MD & TVD 2871 T.D. 21. PLUG, BACK T.D., MD & TVD _____ 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY Rotary ROTARY TOOLS _____ CABLE TOOLS _____

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 None 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>8 5/8</u>	<u>24</u>	<u>193'</u> ✓	<u>10 3/4"</u> ✓		<u>None</u>

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

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—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS _____

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

SIGNED James S. [Signature] TITLE Agent DATE Jan 1966

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

Copy
Civille 3
Capitol City

FORM OGCC 4-2

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
348 EAST SOUTH TEMPLE
SUITE 301
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Harcos-Waggoner Zeller No. 1
Operator Waggoner Zeller Oil Co. Address Abilene Texas Phone _____
Contractor Willard Pease Drilling Address Grand Junction Phone _____
Location 1/2 Sec. 8 T. 21 N. R. 6 E Emery Co. Utah County, Utah.

Water Sands:

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	<u>Approx 481</u>		<u>very slight show</u>	<u>fresh</u>
2.				
3.				
4.				
5.				

(Continued on reverse side if necessary)

Formation Tops:

Sample top Ferron (?) 2480
No logs were van.

Remarks:

- NOTE:
- (a) Upon diminishing supply of forms, please inform the Commission.
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form).
 - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R365.3

Handwritten initials

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. REBYR. Other _____

2. NAME OF OPERATOR
Tiarco Oil Company

3. ADDRESS OF OPERATOR
2 West 45 Street, New York, New York

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **1587 from E line, 740' from South line, Sec. 8, T21S, R6E, S.L.M.**
At top prod. interval reported below _____
At total depth _____

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Elliott Prod. Co.

9. WELL NO.
Tiarco, Zeller, Waggoner No. 1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 8, T21S, R6E, S.L.M.

12. COUNTY OR PARISH
Emery

13. STATE
Utah

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUNDED
Jan. 2, 1966

16. DATE T.D. REACHED
Jan. 11, 1966

17. DATE COMPL. (Ready to prod.) _____

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*
6614 Gr.

19. ELEV. CASINGHEAD
6614 Gr.

20. TOTAL DEPTH, MD & TVD
2871 T.D.

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

22. IF MULTIPLE COMPL., HOW MANY* _____

23. INTERVALS DRILLED BY
ROTARY TOOLS
Rotary

CABLE TOOLS _____

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
None

27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
2 5/8	24	193'	10 3/4"		None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

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

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	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO

FLOW. TUBING PRESS. _____ CASING PRESSURE _____ CALCULATED 24-HOUR RATE _____ OIL—BSL. _____ GAS—MCF. _____ WATER—BSL. _____ OIL GRAVITY-API (CORR.) _____

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS _____

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

SIGNED *James B. ...* TITLE *Agent* DATE *Jan 31 1966*

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

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Dry Hole</p> <p>2. NAME OF OPERATOR Tiarco Corporation</p> <p>3. ADDRESS OF OPERATOR 2 West 45 Street, New York, N. Y.</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1587' from E line, 740' from South line, Sec. 8, T21S, R6E, S.L.M., Emery County, Utah</p> <p>14. PERMIT NO.</p>	<p>5. LEASE DESIGNATION AND SERIAL NO.</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Elliott Prod. Co.</p> <p>9. WELL NO. No. 1</p> <p>10. FIELD AND POOL, OR WILDCAT Wildcat</p> <p>11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA 8-21S-6E, S.L.M.</p> <p>12. COUNTY OR PARISH Emery</p> <p>13. STATE Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6614 Gr.</p>	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDISE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDISING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. Filled hole with viscous mud.
2. Set 65 sack reg. cement plug in 7 7/8" hole from 2510' to 2410'.
3. Set 30 sack reg. cement plug in 6 3/4" hole from 255' to 127'.
4. Set 10 sack plug at surface.

18. I hereby certify that the foregoing is true and correct.

SIGNED *James B. Huber* TITLE *Agent* DATE *Jan 3, 1966*

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

43 015 11426

Tiarco, Waggoner Zeller #1

T21S R06E 08

Notations on back of old file folder

Check geologic reason for wanting unorthodox location. Approval was given since a sound basis was used. Prospect is located on upthrow block with fault in North-South direction to the East of location. PWB