FILE NOTATIONS

Entered in N I D File ✓
Entered On S R Sheet
Location Map Pinned ✓
Card Indexed ✓
I W R for State or Fee Land

June 26, 1964
Checked by Chief PMB
Copy N I D to Field Office ✓
Approval Letter 6-24-64
Disapproval Letter

COMPLETION DATA:
Date Well Completed 8-14-64
OW WW TA
GW OS PA ✓

Location Inspected NLO
Bond released
State of Fee Land

LOGS FILED

Driller's Log 9-24-64
Electric Logs (No.) 2
E I E-I ✓ GR GR-N Micro
Lat Mi-L Sonic GR ✓ Others

Subsequent of Abandonment

Spudded around June 20, 1964 - Too late to remedy amount of surface Casing.

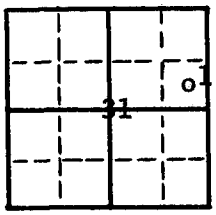
10-21-64

Form OGCC-1

(SUBMIT IN DUPLICATE)

LAND:

Fee and Patented ☒
State ☐
Lease No. .....
Public Domain ☐
Lease No. .....
Indian ☐
Lease No. .....



STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill	X	Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair		Subsequent Report of Redrilling or Repair	
Notice of Intention to Pull or Alter Casing		Supplementary Well History	
Notice of Intention to Abandon Well			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 15th, 1964

LISBON GAP UNIT
Well No. 1 is located 1980 ft. from {N} line and 660' ft. from {E} line of Sec. 31

C SE¼NE¼ Sec. 31 (¼ Sec. and Sec. No.) T. 30 S., (Twp.) R. 26 E., of SLM (Range) (Meridian)

Wildcat (Field) SAN JUAN (County or Subdivision) UTAH (State or Territory)

The elevation above sea level is 6367 feet, Ground Level, ungraded

A drilling and plugging bond has been filed with [redacted].

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

OBJECTIVE: To the Top of the Paradox Salt
Est TD: 5700'

LOGGING: IES: Base Surface to TD
GRS w/cal " " "

CASING: Surface: 13-3/8 @ 100' cmtd to surface
Intermediate: only if lost circulation trouble encountered.
Oil String: If necessary will be 5½" set thru producing zone cmtd to displace 1000'

Good Oil field practice will be used in determining the necessity of coring/and/or drill stem testing any shows of oil or gas.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

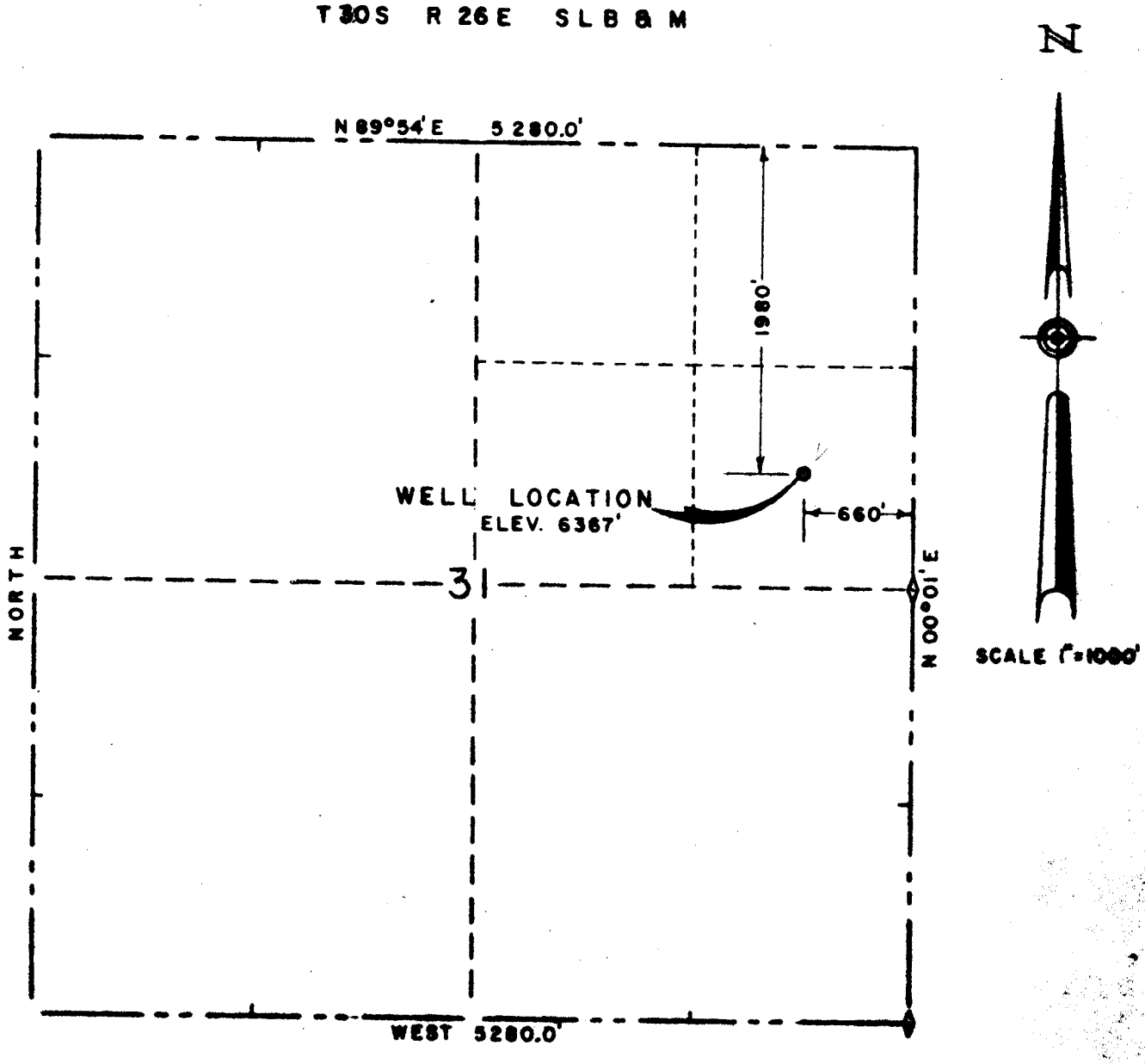
Company DAVIS OIL COMPANY
Address 1020 Midland Savings Building
Denver, Colorado 80202

By Paul Messinger
Paul Messinger
Title Exploration Manager

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

WELL LOCATION

SE ¼ NE ¼ SECTION 31
T 30S R 26E SL B & M



REGISTERED ENGINEER & LAND SURVEYOR
RICHARD J. MANDEVILLE
GRANDJUNCTION
STATE OF UTAH

I, Richard J. Mandeville do hereby certify that this plat was plotted from notes of a field survey made under my supervision on June 11, 1964.

Richard J. Mandeville
Registered Engineer & Land Surveyor

WESTERN ENGINEERS
WELL LOCATION
DAVIS OIL COMPANY
LISBON GAP UNIT NO. 1
SAN JUAN COUNTY, UTAH

SURVEYED E.J.A.
DRAWN R.J.M.
Grand Junction, Colo. 6/15/64

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

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.)

1. OIL WELL ☐ GAS WELL ☐ OTHER MONTHLY REPORT OF OPERATIONS

2. NAME OF OPERATOR: Davis Oil Company

3. ADDRESS OF OPERATOR: 1020 Midland Savings Building - Denver 2, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: C SE/4 NE/4 Section 31 — 1980' from north line, 660' from east line

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Lisbon Gap Unit

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec.31, T-30S, R-26E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): Gr. 6367 ungraded

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☒
(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.) *

Spudded 6/20/64. Set 97.59 feet of 13 3/8", 48 lb. surface csg. at 107' K.B. Cemented with Colorado cementers with 90 sacks (2% CaCl). Circulated cmt. Plugged down at 7:30 p.m. 6/21, WOC. Will drill plug this afternoon.

6/20/64 - Drilling at 1328'.

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

SIGNED ORIGINAL SIGNED BY E. L. KARMANN JR. TITLE Production Manager DATE 6-21-64

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

DAVIS OIL COMPANY

OIL PRODUCERS

1020 MIDLAND SAVINGS BLDG. • DENVER 2, COLORADO • ALpine 5-4661

80202

511 - 5TH AVENUE
NEW YORK 17, N. Y.

CASPER, WYOMING

June 23rd, 1964

Mr. Cleon B. Feight
Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City 11, Utah

RE: DAVIS OIL - #1 LISBON GAP UNIT
SE NE, Sec. 31-30S-26E
San Juan County, Utah

Dear Sir:

Pursuant to our telephone conversation of this date, we enclose herewith an original and 1 copy of our Intent to Drill the captioned test, together with 1 copy of the official staking plat, for your approval.

We appreciate your assistance in preparing this Notice of Intention, and look forward to receiving the written approval for this location at your earliest convenience, in accordance with your verbal approval of this date.

Yours very truly,

DAVIS OIL COMPANY

Paul Messinger

Paul Messinger
Exploration Manager

PM:pme
encl. as shown

June 24, 1964

Davis Oil Company
1020 Midland Savings Building
Denver, Colorado 80202

Attention: Mr. Paul Messinger, Exploration Manager

Re: Notice of Intention to Drill Well No. LISBON GAP UNIT #1, 1980' FNL & 660' FEL, C SE NE of Section 31, T. 30 S., R. 26 E., SLBM, San Juan County, Utah.

Gentlemen:

This letter is to confirm verbal approval to drill the above mentioned well, given by Cleon B. Feight, Executive Director, on June 23, 1964.

As soon as you have determined 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
Office: DA 8-5771 or DA 8-5772
Home: CR 7-2890 - Salt Lake City, Utah

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

Please have the enclosed "Minimum Safety Requirements" notice posted in a conspicuous place on the drilling location.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:kgw

cc: H. L. Coonts, Pet. Eng., Oil & Gas Conservation Commission, Moab, Utah

June 30, 1964

Davis Oil Company
1020 Midland Savings Building
Denver, Colorado 80202

Attention: Mr. Paul Messinger, Exploration Manager

Re: Well No. Lisbon Gap Unit #1
Sec. 31, T. 30 S., R. 26 E.,
San Juan County, Utah

Gentlemen:

It has come to our attention that you took a farmout from Pure Oil Company to drill the above mentioned well. If it would not be too inconvenient, we would appreciate a letter from you stating that a farmout agreement was made with Pure Oil Company to drill said well.

Thank you for your cooperation with regard to this matter.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

KATHY G. WARNER
RECORDS CLERK

KGW:bc

DAVIS OIL COMPANY

OIL PRODUCERS

1020 MIDLAND SAVINGS BLDG. • DENVER 2, COLORADO • ALpine 5-4661
80202

511 - 5TH AVENUE
NEW YORK 17, N. Y.

CASPER, WYOMING

July 1st, 1964

Oil & Gas Conservation Commission
ATTN: Ms. Kathy G. Warner
310 Newhouse Building
Salt Lake City, Utah 84111

RE: DAVIS OIL - #1 LISBON GAP UNIT
SE NE, Sec. 31-30S-26E
San Juan County, Utah

Dear Ms. Warner:

In reply to your letter of June 30th, 1964, please be advised that you are correct in your information that the captioned test is being drilled on a Farmout from The Pure Oil Company to Davis Oil Company, said agreement being entered into May 15th, 1964.

Yours very truly,

DAVIS OIL COMPANY

Paul Messinger

Paul Messinger
Exploration Manager

PM:pme

July 15, 1964

Davis Oil Company
1020 Midland Savings Building
Denver, Colorado 80202

Attention: Mr. Paul Messinger, Exploration Manager

Gentlemen:

It would be appreciated if we could receive an unexecuted copy of the Lisbon Gap Unit Agreement recently approved by the U. S. Geological Survey.

Thank you for your consideration with respect to this request.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

KATHY G. WARNER
RECORDS CLERK

kgw

July 20, 1964

Davis Oil Company
1020 Midland Savings Building
Denver, Colorado 80202

Attention: Mr. Paul Messinger, Exploration Manager

Re: Well No. Lisbon Gap Unit #1
Sec. 31, T. 30 S., R. 26 E.,
San Juan County, Utah

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the month of June, 1964, for the subject well. Rule C-22(1), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. These reports may be filed on Form OGCC-1b (U. S. Geological Survey Form 9-331, "Sundry Notices and Report on Wells"), or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Thank you for your assistance in this matter.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

KATHY G. WARNER
RECORDS CLERK

KGW:bc

Enclosure - Forms

Kgw

Copy file

DAVIS OIL COMPANY

OIL PRODUCERS

1020 MIDLAND SAVINGS BLDG. • DENVER 2, COLORADO • ALpine 5-4661

511 - 5TH AVENUE
NEW YORK 17, N. Y.

CASPER, WYOMING

21 July 1964

Ms. Kathy G. Warner
Records Clerk
Utah Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

RE: Lisbon Gap Unit #1
SE NE Section 31
T 30 S, R 26 E
San Juan County, Utah

Dear Ms. Warner:

Pursuant to your letter of July 20, 1964, enclosed please find an original and two copies of the Monthly Report of Operations for the month of June on the above captioned well.

Thank you for calling our attention to this matter.

Very truly yours,

DAVIS OIL COMPANY

E. L. Karn, Jr.
Production Manager

elk/sm

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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.)

1. OIL WELL ☐ GAS WELL ☐ OTHER **MONTHLY REPORT OF OPERATIONS**

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: **Davis Oil Company**

8. FARM OR LEASE NAME: **Lisbon Gap Unit**

3. ADDRESS OF OPERATOR: **1020 Midland Savings Building - Denver 2, Colorado**

9. WELL NO.: **1**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface

C SE/4 NE/4 Section 31 — 1980' from north line, 660' from east line

10. FIELD AND POOL, OR WILDCAT: **Wildcat**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: **Sec.31, T-30S, R-26E**

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): **Gr. 6367 ungraded**

12. COUNTY OR PARISH: **San Juan**

13. STATE: **Utah**

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☒
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(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.) *

Spudded 6/20/64. Set 97.59 feet of 13 3/8", 48 lb. surface csg. at 107' K.B. Cemented with Colorado cementers with 90 sacks (2% CaCl). Circulated cmt. Plugged down at 7:30 p.m. 6/21, WOC. Will drill plug this afternoon.

6/20/64 - Drilling at 1328'.

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

SIGNED ORIGINAL SIGNED BY E. L. KARN, JR. TITLE **Production Manager** DATE

(This space for Federal or State office use)

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

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.)

1. OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR: Davis Oil Company

3. ADDRESS OF OPERATOR: 1020 Midland Savings Bldg. - Denver 2, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: C SE/4 NE/4 Section 31 — 1980' from north line, 660' from east line

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Lisbon Gap Unit

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec.31, T-30S, R-26E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.):

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Mo. Report of Operations			
(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.) *

7/31/64 - T.D. 4558' and drilling

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

SIGNED E. J. Kam TITLE Production Manager DATE August 4, 1964

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

DAVIS OIL COMPANY

OIL PRODUCERS

1020 MIDLAND SAVINGS BLDG. • DENVER 2, COLORADO • ALpine 5-4661

511 - 5TH AVENUE
NEW YORK 17, N. Y.

CASPER, WYOMING

4 August 1964

Ms. Kathy G. Warner
Records Clerk
Utah Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

RE: Lisbon Gap Unit #1
SE NE Section 31
T 30 S, R 26 E
San Juan County, Utah

Dear Ms. Warner:

Enclosed please find for your files, an original and two copies of the Monthly Report of Operations on the above captioned well for the month of July, 1964.

Very truly yours,

DAVIS OIL COMPANY

E. L. Karn, Jr.
Production Manager

elk/sm

FORM OGCC-8-X

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
310 NEWHOUSE BUILDING
SALT LAKE CITY 11, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: LISBON GAP UNIT # 1

Operator Davis Oil Company Address Denver, Colo Phone AI5-4661

Contractor H & H Drilling Co. Address Grand Junction, Colo Phone

Location: SE¼ NE¼ Sec. 31 T. 30 ~~N~~ S R. 26 E ~~W~~ San Juan County, Utah.

Water Sands:

	Depth		Volume	Quality
	From	To	Flow Rate or Head	Fresh or Salty
1.	3291	3315 (DST)	530' in 1 hour	Salty (42,000 ppm)
2.				
3.				
4.				
5.				

(Continued on reverse side if necessary)

Formation Tops:

Entrada	450
Carmel	590
Navajo	645
Chinle	1131
Shinarump	1478
Moenkopi	1500
Hermosa	3125
Ismay	5035

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)

LFM

JAB

PLUGGING PROGRAM FORM

Name of Company Davis Oil Co Verbal Approval Given To: Jim Nance

Well Name: Lisbon Gap #1 Sec. 31 T. 30S R. 26E County: San Juan

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

Plug Length	Sx	Depth	Tops
100'	33	3390'-3490'	Across Big Indian Sand
100'	33	3250'-3350'	Hermosa
		1500'	Moenkopi
100'	33	1075'-1175'	Across top Chinle @ 1150'
50	18	~~631~~ 610'-660'	Across top of Navajo
50	18	75'-125'	At surface pipe shoe
10'	5-10Sx	Surface	- Set marker.

I was on the well to look at the logs and witness the plugging however the plugging operation was delayed with the possibility that they may drill deeper.

Date Verbally Approved: Aug 11, 1964 Signed: Harry L Combs

H

Form 9-330
(Rev. 5-63)

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
DAVIS OIL COMPANY

3. ADDRESS OF OPERATOR
1020 Midland Savings Bldg., Denver 2, Colorado

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface C SE NE S31-T30S-R26E
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
Fee Lease - Redd

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Lisbon Gap Unit

8. FARM OR LEASE NAME
Redd

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
W.C.

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

14. PERMIT NO. | DATE ISSUED

12. COUNTY OR PARISH: San Juan | 13. STATE: Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
6-20-64	8-11-64		6367' Gr. 6376' KB	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5350'			→	5350'	

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

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN
I-ES & SGR/C

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
13-3/8"	48#	107' KB	17½"	90 Sacks - Circulated	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*)

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

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 H. Mauer TITLE Consulting Geologist DATE 8-22-64

*(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.
			See Geologic Report for data on sample description, Drill Stem Tests, etc.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Entrada	450'	
Carmel	590'	
Navajo	645'	
Chinle	1131'	
Shinarump	1478'	
Moenkopi	1500'	
Hermosa	3125'	
Ismay	5035'	

AUG 31 1964

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636

WELL SUMMARY

OPERATOR:	Davis Oil Company
WELL:	Lisbon Gap Unit # 1
LOCATION:	C SE NE S31-T30S-R26E, San Juan County, Utah
ELEVATION:	6367' Gr. 6376' KB
SPUDDED:	June 20, 1964
FINISHED DRILLING:	August 11, 1964
CONTRACTOR:	H & H Drilling Company, Grand Junction, Colorado J. D. Mezo, Toolpusher
CASING:	13-3/8" @ 107'
CORES:	None
DRILL STEM TESTS:	Five - See Details
LOGGING SERVICES:	(1) Portable Engineering Corp. mud-logging unit (1-man) 107'-5350' (2) Schlumberger, IES 107'-5342' (3) " SGR/C 107'-5340'
TOTAL DEPTH:	5350' (Driller) 5342'(Schlumberger)
STATUS:	D & A

PLUGGING PROCEDURE:

Plug # 1	3490-3390	33Sx
" # 2	3350-3250	33 "
" # 3	1175-1075	33 "
" # 4	660-610	18 "
" # 5	125-75	18 "

10 sack surface plug cementing in regulation marker

FORMATION TOPS:

Formation	E-Log Top
Entrada	450'
Carmel	590'
Navajo	645'
Chinle	1131'
Shinarump	1478'
Moenkopi	1500'
Hermosa	3125'
Ismay	5035'

CHRONOLOGICAL LOG

June 19, Finished Rigging-up - Drilled Rat Hole

" 20, Spud 8:00 A.M.
Drilled 0-93

" 21, Drilled 93-116
Reamed 0-116 - 17½"
Ran 3 joints, 97.59' of 13-3/8", 48#, 8 RT casing and landed at 107'(KB). Cemented by Colorado Cementers with 90 sacks of regular cement, 2% Calcium Chloride - Plug down 7:30 P. M. Circulated cement.

" 22, Drilled plug at 7:30 P. M. - top of cement at 87'
Drilled 116-151

" 23, Drilled 151-429

" 24, " 429-593 - ran survey and stuck pipe - stuck with bit at 584' - spot 900 gal. diesel oil, moving oil, no results. Rigging up compressor to blow mud from hole.

" 25, Blow hole dry, pipe still stuck (not differential pressure condition) working pipe - tried driving tool, no results. Ran free-point and string shot - cannot get sufficient torque in pipe to back off- Finially backed off recovering drill pipe and three drill collars - left 10 drill collars & bit in hole.

" 26, Picked up wash pipe - washing over - pulled wash pipe, ran free-point, backed off 6 more collars, leaving 4 in hole. Washed over remainder of fish.

" 27, Recovered remaining 4 collars, on bottom with new bit at 8:00 P.M.
Drilled 593-791

" 28, " 791-980

" 29, " 980-1208

" 30, " 1208-1500 - Circulate hole - preparing to DST

July 1, Ran DST # 1 - 1485-1500 (See Details)
Drilled 1500-1664

" 2, " 1664-1901

" 3, " 1901-2009

July	4,	Drilled	2009-2125
"	5,	"	2125-2241
"	6,	"	2241-2337
"	7,	"	2337-2465
"	8,	"	2465-2623
"	9,	"	2623-2843
"	10,	"	2843-3030
"	11,	"	3030-3048 - Ran DST # 2, 2988-3030 (see details)
"	12,	"	3048-3200
"	13,	"	3200-3325
"	14,	"	3325-3341 - Ran DST # 3, 3291-3341 (see details)
		"	3341-3395
"	15,	"	3395-3495
"	16,	"	3495-3560
"	17,	"	3560-3621
"	18	"	3621-3668 - Ran DST # 4 - 3601-3668 (see details)
"	19,	"	3668-3730
"	20,	"	3730-3814
"	21,	"	3814-3889
"	22,	"	3889-3945
"	23,	"	3945-4021
"	24,	"	4021-4085
"	25,	"	4085-4171
"	26,	"	4171-4261
"	27,	"	4261-4328
"	28,	"	4328-4381

July 29, Drilled 4381-4443

" 30, " 4443-4546

" 31, " 4546-4587 - String up new drilling line 6 hours.

Aug. 1, " 4587-4677

" 2, " 4677-4732

" 3, " 4732-4791

" 4 , " 4791-4856

" 5, " 4856-4912

" 6, " 4912-4983

" 7, " 4983-5076

" 8, " 5076-5151

" 9, " 5151-5221

" 10, " 5221-5324

" 11, " 5324-5350 - Ran Schlumberger Logs

" 12, Wait on orders , went in hole and conditioned mud preparatory to running DST # 5.

" 13, Ran DST # 5 - misrun - packers would not hold.
" " # 5-A, 3976-3988' (See Details)

" 14, Wait on orders until 10:00 A.M. - Plugged and Abandoned Released rig 6:00 P.M.

SAMPLE DESCRIPTION

116-120 Shale, maroon, blocky, earthy, micaceous.

120-130 Sandstone, light gray, coarse grained, ill-sorted, w/ abd shale.

130-150 Shale, maroon, blocky, micaceous, locally silty.

150-160 Shale, as above with trace of light gray to greenish-gray, fine grained, tight sandstone.

160-170 Shale, maroon, blocky, micaceous, locally slighty silty.

170-190 Shale, as above with abundant light gray to pink, fine grained, friable sandstone.

190-260 Shale, maroon, blocky, micaceous, locally silty.

260-280 Shale, as above, with considerable light gray, fine grained sand.

280-300 Sandstone, light gray to white, fine grained, friable, many free quartz grains in sample - trace fresh water limestone.

300-340 Shale, maroon, blocky, locally silty, much cement in samples.

340-370 ———, Poor quality samples, only cement in samples.

370-380 Sandstone, white to pink, fine to very fine grained, friable, much maroon siltstone.

380-400 Sandstone and siltstone, sandstone as above; siltstone is maroon, slightly micaceous, fairly soft.

400-430 Siltstone, maroon to brown, micaceous, with minor amount of sandstone as above.

430-440 Siltstone, as above with considerable light gray to greenish-gray to light green, fine grained, poorly sorted, tight sandstone.

TOP ENTRADA 440'

440-590 Sandstone, light gray, fine grained, fair to poor sorting, sub-angular to sub-rounded, fair to good porosity indicated, most of sand drills up into individual quartz grains.

TOP CARMEL 588'

590-630 Siltstone, light brown, slightly micaceous, slightly calcareous.

TOP NAVAJO 630'

630-650 Sandstone, light gray to pink, fine to medium grained, fair to poor sorting, some tight some shows porosity.

650-660 Sandstone, light gray, fine grained, fair to poor sorting, rounded to sub-rounded, fair to good porosity and permeability.

660-830 Sandstone, light gray, fine grained, fair sorting, sub-rounded to sub-angular, fair to good porosity and permeability, non-calcareous to very slightly calcareous, locally sparsely pyritic.

830-870 Sandstone, light gray to pink, fine grained, fair sorting, sub-rounded to sub-angular, mostly tight, some shows low porosity, slightly calcareous.

870-880 Sandstone, mostly pink, some light gray, pink sandstone is a mixture of co-mingled pink and clear quartz grains, fine grained, tight, calcareous.

880-890 Sandstone, pink, fine grained, tight, silty, some maroon to brown siltstone.

890-900 Sandstone, pink as above predominant, some light gray, fine grained, tight, slightly calcare ous.

900-920 Sandstone, light gray, fine graind, friable, appears to be low porosity and permeability w/abundant pink sandstone as above.

920-940 Sandstone, pink, fine grained, fairly friable, tight, slightly calcareous - some light gray sandstone, some maroon shale and siltstone.

940-970 Sandstone, pink, fine grained, fairly well sorted, sub-angular to sub-rounded, tight, calcareous, very sparsely micaceous.

970-1050 Sandstone, as above with trace of pink to light brown siltstone.

1050-1100 Sandstone, pink, fine grained, sub-angular to sub-rounded, fairly well sorted, calcareous cement, fair to good porosity but low permeability.

1100-1130 Sandstone, pink, fine grained, sub-rounded, fair sorting, calcareous cement, low porosity and permeability.

1130-1140 Sandstone, as above with trace of maroon shale.

TOP CHINLE 1140'

1140-1150 Shale, maroon, blocky, slightly micaceous, with abundant sandstone as above.

1150-1160 Shale, as above with trace of anhydrite.

1160-1190 Shale, maroon, blocky, micaceous, locally silty and grading to siltstone - siltstone is slightly calcareous.

1190-1230 Siltstone, reddish-brown to dull lavender, argillaceous, micaceous, showing some yellow oxidation, considerable maroon shale.

1230-1250 Shale, maroon, light brown, dull greenish-gray, locally quite silty and grading to siltstone - pure shale is non-calcareous, silty shale and siltstone is calcareous and micaceous.

1250-1260 Shale & Siltstone, as above, with trace of greenish-gray and brownish-gray, sandy, impure limestone.

1260-1290 Siltstone, reddish-brown, calcareous, micaceous and contains much argillaceous material - trace green silty shale.

1290-1300 Shale, green, blocky, locally silty and calcareous and grading to siltstone, some of shale contains small clay pellets.

1300-1330 Siltstone, reddish-brown, micaceous, somewhat arkosic and grading to very fine grained sandstone - sand contains clear quartz and reddish quartz grains, also some green grains, some appears to be glauconite some is not.

1330-1340 Siltstone, greenish-gray, micaceous and grading to very fine grained sandstone - some reddish-brown siltstone as above.

1340-1350 Sandstone, light greenish-gray, with many red, green and brown grains, fine grained, micaceous, hard and tight, very calcareous, much greenish-gray shale.

1350-1360 Limestone, light gray, amorphous matrix with many inclusions of small, gray to brown pellets of argillaceous limestone - some dark gray limestone breccia - trace of black carbonaceous (?) material.

1360-1380 Sandstone, light gray to greenish-gray, fine grained, angular to sub-angular, hard, tight, micaceous and calcareous - some limestone as above - trace of carbonaceous (?) material as above. Sand is locally abundantly pyritic.

1380-1390 Sandstone & Limestone, sandstone as above, and locally contains small pellets of medium gray limestone; limestone is light to medium gray, amorphous to finely crystalline, locally brecciated, and contains pellets and fragments of argillaceous limestone - trace of carbonaceous(?) material or possibly a solid hydrocarbon material.

1390-1400 Shale, greenish-gray, grading to hard siltstone, locally quite pyritic - few slicks noted.

1400-1410 Shale, and siltstone, as above in about equal amounts.

1410-1430 Shale, maroon to chocolate brown, usually silty, micaceous, very slightly calcareous.

1430-1440 Siltstone, green to greenish-gray, micaceous.

1440-1480 Siltstone & Sandstone, siltstone as above; sandstone is green to greenish-gray, micaceous, calcareous, glauconitic. with few clay pellets in sandstone, trace of gray limestone containing pellets.

1480-1490 Shale, green and maroon, locally silty, with abundant gray crystalline limestone, often containing small pellets.

1490-1500 Sandstone, clear quartz grains, large, appears to have excellent porosity and permeability - 50 units of gas on mud-logger - slight fluorescence, mild CCl_4 cut - good drilling break 1488-1498. This is SHINARUMP SANDSTONE.

TOP MOENKOPI 1498'

1500-1540 Shale, maroon to light brown, micaceous, locally silty, few flecks of anhydrite found locally.

1540-1570 Siltstone, maroon to light brown, silty, calcareous, much shale as above.

1570-1620 Shale, maroon to light brown, blocky to fissile, silty and often grading to very argillaceous siltstone - quite micaceous - trace anhydrite locally. Much green, micaceous shale 1580-90.

1620-1630 Shale, as above with abundant siltstone - possibly 3' of sand between 1620 and 1625 - samples indicate it to be light gray, fine grained, friable but tight (clay filled), calcareous. Logging unit recorded 30 units of gas - no stain, fluorescence or cut noted.

1630-1770 Shale, maroon to light brown, blocky to fissile, usually silty and very micaceous, slightly calcareous - trace of white, tight sandstone 1650-60 - silty shale is often quite arkosic.

1770-1850 Shale, maroon to light brown, mostly silty and micaceous, some purple and green shale - some mottling.

1850-1870 Shale, maroon to light brown, moslty silty and micaceous, some grading to siltstone.

1870-1880 Shale, as above with abundant clear and rose quartz grains in sample (possibly thin streak of conglomeratic material)

1880-1900 Shale, maroon to light brown, usually silty and micaceous, some grading to siltstone, trace pink, fine grained, tight sandstone, trace nearly white, chalky, soft, impure limestone.

1900-1930 Shale, maroon to light brown, mostly silty and micaceous, some grading to siltstone - trace green shale grading to siltstone.

1930-1960 Shale, as above, with trace of light gray, fine to medium grained, tight sandstone.

1960-1970 Shale & Siltstone, shale is maroon to light brown, micaceous, silty and grading to siltstone, locally arkosic - trace of greenish-gray shale and siltstone.

1970-1990 Siltstone, maroon to lightbrown, micaceous, calcareous, locally arkosic

1990-2000 Siltstone, as above with trace of gray to brownish-gray, dense fresh water limestone.

2000-2100 Siltstone, maroon to light brown, micaceous, locally arkosic, calcareous - trace of light gray to greenish-gray shale grading to siltstone.

2100-2120 Shale, maroon to chocolate brown, blocky, micaceous with abundant siltstone as above.

2120-2150 Shale & siltstone, as above in about equal amounts.

2150-2160 Siltstone, maroon to light brown, micaceous, calcareous with abundant maroon shale - trace of light gray to greenish-gray siltstone.

2160-2170 Sandstone, light gray to pink, coarse grained, sub-angular, ill-sorted, friable, but appears to be low in permeability due to a slightly calcareous and argillaceous cementing agent. Drilling time suggests sand at 2158-2166'.

2170-2190 Siltstone, maroon to light brown, micaceous, calcareous, trace medium gray, impure limestone 2180-90.

2190-2200 Sandstone, light gray to pink, medium to coarse grained, angular to sub-angular, friable but tight - gave 5 to 7 units of gas on mud-logger - drilling time suggests sand 2191-98'.

2200-2220 Shale, maroon to light brown and purple, usually silty and micaceous and grades to siltstone - trace anhydrite.

2220-2230 Sandstone, white, fine to very fine grained predominant, some medium grained, ill-sorted, sub-angular to sub-rounded, friable but tight due to clay filling - some marron to brown, arkosic sandstone - 10-12 units gas on mud-logger - drilling time suggests sand 2222-32'.

2230-2250 Shale, maroon to light brown, silty, micaceous and grading to siltstone.

2250-2260 Shale, as above with trace of dark gray to brown, crypto-crystalline limestone.

2260-2280 Siltstone, maroon to light brown, micaceous.

2280-2300 Siltstone, as above with trade of light gray to greenish-gray, micaceous siltstone grading to very fine grained sandstone.

2300-2380 Siltstone, maroon to light brown, micaceous, with abundant maroon, brown and purple shale - trace anhydrite found locally.

2380-2390 Siltstone, as above, with trace of light greenish-gray, fine grained, micaceous, tight sandstone.

2390-2420 Sandstone, light gray to white, with many pink grains, coarse grained, angular, ill-sorted, friable, calcareous cement, many free quartz grains - an occasional fragment gives a dull yellow fluorescence - no CCl_4 cut - 10-12 units (all methane) of gas on logging unit. Drilling time suggests sand 2392-2415' and 2420-23'.

2420-2430 Siltstone, maroon to light brown and grading to very fine argillaceous sandstone.

2430-2500 Siltstone, maroon to light brown.

2500-2530 Sandstone, maroon, coarse grained, arkosic, mostly drilled up into free quartz grains - good drilling break 2502-25' - NSOF - one short blip of 8 units of gas on mud-logger.

2530-2540 Siltstone, dark maroon to chocolate brown, micaceous, some feldspar, arkosic, with much silty shale.

2540-2560 Sandstone, maroon to brown, some with clear quartz grains, coarse, angular, arkosic - 12 units of gas recorded in top of sand. No visible stain, no fluorescence.

2560-2580 Siltstone, maroon to brown, micaceous, with abundant maroon to brown, micaceous shale.

2580-2600 Sandstone, pink to maroon, coarse grained, angular, ill-sorted, mostly free quartz grains - much rose quartz - few clusters appear to be tight and arkosic - NSOF - 10 units gas.

2600-2650 Siltstone, maroon to brown, very micaceous, arkosic, much maroon to brown, micaceous shale.

2650-2670 Siltstone, as above, with trace of tan, micro-crystalline limestone (limestone may be nodules in siltstone).

2670-2700 Siltstone, maroon to brown, very micaceous, somewhat arkosic, abundant maroon, micaceous shale.

2700-2720 Sandstone, light gray, coarse grained, angular, ill-sorted, fair to good porosity but pore space appears to be filled with black, asphalt-like, solid hydrocarbon material - no fluorescence - no cut - approximately 40 units gas on logger. Drilling time suggests sand 2694-2715.

2720-2820 Siltstone, Maroon to brown, micaceous and arkosic - trace brown to pink (fresh water?) lime 2740-50' & 2810-20'.

2820-2830 Siltstone, as above, with trace of light gray, medium grained, micaceous sandstone, showing numerous green grains (not glauconite) Drilling time suggests sand 2823-28'.

2830-2850 Siltstone, maroon to brown, very micaceous, much red to maroon micaceous shale.

2850-2860 Siltstone, as above, with abundant light gray, medium grained, angular, ill-sorted sandstone showing fair porosity. Drilling time suggests sand 2855-61'.

2860-2920 Siltstone, maroon to brown, micaceous, with abundant silty and micaceous shale - trace of green shale and siltstone found locally.

2920-2930 Sandstone, medium to light gray, some pink, many green grains, medium to coarse grained, amny free quartz grains, friable but low permeability - drilling time suggests sand 2920-30'.

2930-2950 Siltstone, maroon to brown, very micaceous.

2950-2960 Sandstone, gray, greenish-gray to pink, coarse grained, angular, ill-sorted - slight porosity filled with black, asphalt-like material - no fluorescence - no cut - logging unit recorded one blip of about 50 units gas in top of sand. Drilling time suggests sand 2948-53'.

2960-2985 Siltstone, maroon to brown, micaceous, arkosic, much maroon to brown shale.

2985-3005 Sandstone, light gray, greenish-gray and pink, medium to coarse grained, angular, ill-sorted, friable but tight - some of sand shows residual asphalt-like material with no fluorescence or cut - mud-logger shows maximum of 105 units of gas, mostly C_1 but some C_2 - drilling time suggests sand 2984-3004.

3005-3010 Siltstone, maroon to brown, micaceous, with much shale.

TOP HERMOSA 3010'

3010-3020 Limestone, pink to pinkish-gray, argillaceous and impure and grading to gray to tan, finely crystalline limestone.

3020-3030 Sandstone, light gray to greenish-gray, fine to medium grained, many orange grains and flecks of green mica.

3030-3050 Sandstone, light gray to greenish-gray, fine grained to very fine grained, very calcareous, hard and tight sandstone - green color due to green mica flakes.

3050-3060 Sandstone, as above, with trace of tan to buff, finely crystalline to dense limestone.

3060-3070 Limestone, medium gray to greenish gray, micaceous, argillaceous, impure, and grading to calcareous siltstone.

3070-3090 Limestone, gray to tan, finely crystalline to micro-crystalline, locally slightly micaceous - few fossil fragments noted, few fusilinid fragments - trace free, white calcite crystals - some recrystallization.

3090-3110 Sandstone, light gray, medium grained, mostly angular, few orange and green grains, friable but appears to be very low permeability - approximately 50 units gas on mud logger.

3110-3120 Siltstone, chocolate brown, micaceous and grading to micaceous, silty shale.

3120-3130 Limestone, light gray to tan, finely to micro-crystalline, few fossil fragments - some nearly white, amorphous, limestone.

3130-3150 Siltstone, maroon to chocolate brown, micaceous.

3150-3160 Limestone, medium to dark gray, micro-crystalline, a few free calcite crystals - locally argillaceous.

3160-3180 Limestone, medium gray, cryptocrystalline, somewhat impure, some finely disseminated pyrite, appears to be slightly dolomitic.

3180-3210 Shale, dark gray, fissile, slightly calcareous, much finely disseminated mica.

3210-3230 Limestone, medium gray to tan, finely to micro-crystalline, fairly hard, few fossil fragments.

3230-3260 Shale, maroon to brown, micaceous, silty and grading to siltstone.

3260-3280 Sandstone, light gray, fine grained fairly friable, showing some asphalt-like residual material in pore space - no fluorescence or cut.

3280-3290 Shae, maroon to brown, with minor amount of tan, dense limestone, some dark gray, argillaceous limestone.

3290-3320 Sandstone, light gray, medium to coarse grained, sub-angular, ill-sorted, good porosity, low permeability, showing some black, asphalt-like, dead oil stain - no fluorescence - no cut - maximum of 165 units of gas. Drilling time suggests sand at 3288-3316'.

3320-3340 Limestone, medium gray to light gray, crypto-crystalline, fairly hard.

3340-3370 Sandstone, light gray, medium to coarse grained, sub-angular, ill-sorted, friable but appears to be low permeability - some dead, asphalt-like stain - no fluorescence - no cut - up to 60 units of gas on mud-logger. Drilling time suggests sand at 3338-3372'.

3370-3420 Siltstone, chocolate brown to maroon, very micaceous, some grading to silty shale.

3420-3440 Sandstone, light gray, medium to coarse grained, Ill-sorted, tight, some black, asphalt-like, residual oil stain - 55 to 60 units of gas on mud-logger. Drilling time suggests sand 3415-34'.

3440-3460 Siltstone, medium gray, micaceous, calcareous, very hard, grading to silty shale - trace gray, hard, limestone.

3460-3470 Limestone, dark gray, argillaceous, silty, impure.

3470-3480 Siltstone, brown, very micaceous, with large flecks of bronze colored mica - abundant gray to greenish-gray, fine grained, very tight sandstone, many orange and green grains in sandstone.

3480-3490 Limestone, medium gray, micro-crystalline, somewhat flakey, locally slightly fossiliferous and grading to darker gray very calcareous shale.

3490-3510 Shale, dark gray, very micaceous, fissile, calcareous, hard, few fossil fragments noted in shale - also few hair-line fractures filled with crystalline aragonite (has appearance of Inoceramus prisms).

3510-3520 Shale, as above with considerable medium gray to light gray, finely crystalline limestone.

3520-3540 Sandstone, medium gray to light gray, , fine grained, dirty, tight, micaceous - a few fragments show a dull, blue-white fluorescence - no visible stain - slight residual cut in CCl_4 - Approximately 60 units of gas on mud logger. Drilling time suggests sand at 3524-40'.

3540-3560 Siltstone, dark gray, very micaceous, fissile, some grading to very fine grained, hard, tight, dirty sandstone.

3560-3570 Limestone, medium gray to tan, finely crystalline, locally fossiliferous.

3570-3580 Siltstone, light gray, dense, very calcareous

3580-3600 Siltstone, mostly chocolate brown, some gray, micaceous, hard, some maroon shale.

3600-3610 Sandstone, medium gray to light gray, fine to medium grained, some shows stain with the dead, asphalt-like material, but does show a fair yellow-white fluorescence, and gives good CCl_4 cut (approximately 20% of sand shows fluorescence), Drilling time suggests sand at 3601-3606'.

3610-3660 Siltstone, medium gray to brown, micaceous, hard, with much maroon to brown shale.

3660-3670 Siltstone as above, grading to very fine grained, dirty, tight sandstone.

3670-3680 Limestone,medium gray, micro-crystalline, locally silty, hard.

3680-3700 Siltstone, as above, with trace of gray to tan, fine grained, ill-sorted, dirty, tight sandstone, both sand and siltstone somewhat arkosic - probably not more than two or three feet of sand in inverval.

3700-3720 Limestone, medium gray to tan, finely crystalline, locally very fossiliferous (crinoid stems and fusilinids noted), becoming somewhat argillaceous toward base.

3720-3770 Shale, dark gray, fissile, micaceous, very calcareous and grading to argillaceous limestone.

3770-3790 Limestone, mostly medium gray, some tan, micro-crystalline, grading to impure and argillaceous limestone.

3790-3800 Limestone, as above, with trace of gray, hard, very calcareous siltstone.

3800-3820 Siltstone, gray to chocolate brown, hard, micaceous, calcareous, and grading to argillaceous and silty limestone.

3820-3840 Sandstone, light gray to greenish-gray to tan, fine to medium grained, friable but dirty and tight - many pink and green grains in sand - no visible stain - no fluorescence - no gas on logging unit. Drilling time suggests sand 3822-3842'.

3840-3850 Limestone, tan to medium gray, finely crystalline, locally fossiliferous - much free calcite, probably vein filling material.

3850-3900 Shale, dark gray, micaceous, hard, dense, very calcareous and grading to impure limestone, some free calcite, probably fracture filling material.

3900-3910 Shale, as above, with considerable gray to tan, finely- to crypto-crystalline, hard, limestone.

3910-3930 Shale, gray to brown, micaceous, fissile, calcareous, locally silty.

3930-3940 Sandstone, medium gray to greenish-gray, fine grained, friable, but dirty and tight, very micaceous, no visible porosity or permeability - some of balck, residual oil stain noted in a few fragments - no fluorescence - no cut - 70 units of gas on mud-logger - Drilling time suggests sand 3932-38'.

3940-3960 Shale, medium gray to brown, fissile, very micaceous, hard, calcareous.

3960-3990 Sandstone, medium gray to greenish-gray, some tan, fine to medium grained, friable but tight. A lesser amount (probably interbedded with above) of light gray, fine to medium grained, friable sandstoje that appears to have some porosity, but most of pore space appears to be filled with black, asphalt-like, residual oil, a few fragments of which show a very dull, yellow fluorescence and gives a slight residual cut in CCl_4. Fluorescence is very similar to that noted in sulphur water bearing formations. Maximum of 100 units of gas on hotwire recorder. Drilling time suggests sand at 3964-83'. Lower part of sand becomes very hard, dirty and tight.

3990-4040 Shale, dark gray to greenish-gray, hard, fissile, micaceous, very calcareous, with abundant medium gray, impure limestone.

4040-4090 Limestone, medium gray to dark gray, impure, silty, hard and grading to very calcareous shale.

4090-4140 Shale, dark gray, fissile, hard, micaceous, calcareous.

4140-4150 Limestone, medium gray to light gray to tan, finely- to micro-crystalline, few fossil fragments noted.

4150-4220 Siltstone, medium gray to light gray to greenish-gray, very micaceous (much bronze mica) calcareous and locally grading to very fine grained, dirty, silty sandstone.

4220-4230 Limestone, mostly tan, some light gray, crypto-crystalline, often flakey and slightly micaceous. This limestone is often referred to as the LaSal Limestone.

4230-4240 Limestone, light gray, finely crystalline to sucrosic, much tan, dense lime. considerable light gray, soft, vuggy limestone with vugs filled with black, dead oil, which shows a dull, blue-white fluorescence and gives fair CCl_4 cut. Drilling time suggests porosity 4228-31' - this is probably inverval of vuggy material - 65 units of gas on hot-wire.

4240-4250 Limestone, light gray to tan, finely - to crypto-crystalline, slightly oolitic - trace of nearly white, sucrosic limestone.

4250-4280 Limestone, light gray to tan, micro- to crypto-crystalline some nearly white, fairly soft, sucrosic limestone, no visible porosity.

4280-4300 Limestone, light gray to tan, crypto-crystalline to sub-lithographic, somewhat platy - trace of light brown chert which appears to be vein filling material.

4300-4330 Limestone, medium gray to tan, crypto-crystalline, hard, somewhat platy, trace of tan to brown chert.

4330-4350 Limestone, medium gray to dark gray, finely crystalline, slightly silty and micaceous - some brown, micro-crystalline pure, hard, limestone - trace chert.

4350-4370 Shale, dark gray, fissile, micaceous, very silty and calcareous, some grading to silty and argillaceous limestone, trace of medium gray, very fine grained sandstone 4350-4355'.

4370-4380 Siltstone, medium gray to light gray, calcareous, quite micaceous and grading to very fine grained, silty, sandstone.

4380-4390 Siltstone, as above, with considerable dark gray, micaceous fissile shale.

4390-4400 Shale, dark gray, micaceous, fissile, with considerable brown, platy limestone.

4400-4410 Limestone, tan, mostly crypto-crystalline and platy, some finely sucrosic - trace tan to brown chert.

4410-4440 Limestone, brown to brownish-gray, finely crystalline to micro-crystalline - much of lime is impure, silty and micaceous.

4440-4460 Limestone, as above with abundant dark gray, fissile shale.

4460-4470 Shale, dark gray, fissile, micaceous, calcareous.

4470-4480 Shale, as above with considerable black, fissile, very organic shale - slight drilling break 4470-74, which showed about 12 units of gas on hot-wire.

4480-4500 Limestone, light gray, finely sucrosic, micaceous, impure, with abundant dark gray, argillaceous limestone, grading to very calcareous shale.

Note: At about 4495' amount of cuttings coming across shale shaker decreased appreciably -few flecks of anyhdrite noted, possibly drilled a few feet of anhydrite.

4500-4520 Limestone, medium gray to brown, mostly impure and argillaceous some dark shale - considerable anhddrite - possibly some bedded anhydrite, although it appears that most of anhydrite is in form of inclusions in shale and limestone.

4520-4550 Limestone as above, with considerable anhydrite - sufficient anhydrite to react on mud - viscosity went up to over 100 cc, had to treat out anhydrite.

4550-4570 Dolomite, light gray to light tan, crypto-crystalline, somewhat platy - trace tan chert.

4570-4580 Shale, dark gray, fissile, micaceous, very calcareous.

4580-4590 Limestone, brown, finely crystalline, platy, locally fossiliferous - abundant shale as above.

4590-4600 Sandstone, light gray, fine grained, fairly friable, but tight, sub-angular, argillaceous and calcareous cement fills pore space.

4600-4620 Sandstone, light gray, fine grained, ill-sorted, sub-angular, tight, slightly calcareous

4620-4630 Shale, dark gray, fissile, micaceous, calcareous - some brown limestone.

4630-4650 Sandstone, light gray to green, fine grained, sub-angular, ill-sorted, slightly calcareous.

4650-4680 Shale, dark gray, fissile, much finely disseminated mica, slightly calcareous.

4680-4690 Shale, as above, with minor amount of white, sucrosic anhydrite - anhydrite appears to be in for of inclusions in shale and fracture filling material rather than bedded . 4687-88' drilled much faster than remainder of section - possibly a fracture - this 1 foot produced 60 units of gas on hot-wire - all methane.

4690-4710 Limestone, light brown to gray, micro-crystalline to sub-lithographic, somewhat platy, some appears to be somewhat silty to sandy - trace brown chert.

4710-4720 Limestone, brown to gray, micro-crystalline to sucrosic, mostly impure, silty and sandy.

4720-4750 Limestone, medium gray to dark gray, some brownish-gray, impure, argillaceous, silty to sandy.

4750-4800 Limestone, medium gray to brownish-gray, finely to coarsely crystalline, impure with mica flakes and floating sand grains, some recrystallization - abundant fragmentary fossil material.

4800-4830 Limestone, dark brown to brownish-gray, finely crystalline to dense - some free calcite (vein filling) tr. chert.

4830-4850 Shale, dark gray to nearly black, fissile, micaceous, calcareous - trace anhydrite.

4850-4900 Limestone, brown to tan predominant, some gray, mostly micro-crystalline, platy - trace sucrosic limestone.

4900-4910 Limestone, medium gray, finely sucrosic, slightly micaceous - trace brown chert - trace white anhydrite.

4910-4930 Limestone, dark gray to brownish-gray, dense, impure, micaceous, argillaceous, hard - trace smokey chert.

4930-4950 Limestone, tan, crypto-crystalline, platy, hard - some gray, impure limestone - trace dark gray, calcareous shale, trace gray to tan chert.

4950-4960 Limestone, tan to gray, finely- to crypto-crystalline, some impure, micaceous and argillaceous - few fossil fragments. Some nearly white, soft, chalky limestone 4950-55.

4960-4970 Limestone, mostly tan, finely crystalline, some gray, impure limestone - trace chert.

4970-4980 Limestone & Shale, limestone as above; shale is dark gray, micaceous and calcareous.

4980-5060 Shale, dark gray to black, micaceous, calcareous, fissile.

5060-5090 Anhydrite, white, amorphous, soft, virtually all goes into solution - little recovered in samples - can be seen on shaker screen.

5090-5120 Dolomite, tan to light gray, finely crystalline to finely sucrosic, fairly hard, considerable tan to brown limestone.

5120-5130 Shale, dark gray to black, fissile, calcareous, with much, gray, impure, argillaceous limestone.

5130-5180 Limestone, tan to light gray, finely crystalline to crypto-crystalline - some of gray lime is slightly chalky.

5180-5250 Shale, dark gray to black, fissile, thinbedded, slightly micaceous, very calcareous.

5250-5270 Limestone, mostly light gray to tan, some finely sucrosic, some finely- to crypto-crystalline, fairly hard.

5270-5320 Limestone, as above, with some light gray, fairly soft, somewhat chalky limestone.

5320-5350 Shale, dark gray to black, fissile, calcareous.

DRILL STEM TESTS

DST # 1 - 1485-1500
Initial Shut In - 17 Minutes
Tool Open - 1 hour
Final Shut In - 40 Minutes.

Tool opened with weak blow and died in 7 minutes.

Recovery: 63' mud

IHP	709#
ISIP	680#
IFP	56#
FFP	56#
FSIP	624#
FHP	709#

DST # 2 - 2981-3030 - Immediate Packer Failure - Misrun

DST # 2-A - 2988-3030

Tool open 1 hour - shut in 1 hour 20 minutes.
Tool opened with strong blow and continued as strong, steady blow throughout test.

Recovery: 30' Drilling Mud

ISIP	58#
IFP	29#
FFP	58#
FSIP	350#
IHP	1498#
FHP	1498#
BHT	115°

DST # 3 - 3291-3341

Initial Flow - 10 Min.
Initial Shut In - 45 Min.
Final Flow - 30 Min.
Final Shut In - 45 Min.

Tool opened with weak to fair blow, increased to strong blow after 5 minutes - continued strong blow throughout test.

Recovery: 60' Mud, 120' W/C Mud, 530' Salt Water (42,000 ppm)

IFP	116#
ISIP	1094#
FFP	377#
FSIP	1008#
IHP & FHP	1580#

DST # 4 - 3601-3668

Initial Flow - 10 Min.
Initial Shut-In - 45 Min.
Final Flow - 30 Min.
Final Shut-in - 45 Min.

Tool opened with few bubbles - died immediately

Recovery: 60' Drilling Mud.

IHP	1738#
ISIP	7#
IFP	6#
FFP	9#
FSIP	9#
FHP	1724#

DST # 5 - 3974-4032 - Straddle Packer on Hook Wall Assembly

Tried 6 sets at different locations - Hook held weight of pipe on four of the six attempts, but packers failed on all four sets - charts showed both top and bottom packers leaked - hole probably egg-shaped due to drill pipe wear in crooked hole.

DST # 5-A - 3976-3988 - Straddle Packer test on Hook Wall Assembly

Initial Flow - None
Initial Shut In - None
Tool Open - 1 hour
Tool Shut In - 1 hour

No Blow

Recovery: 250' Drilling Mud.

IHP	2015#
FP	307#
SIP	361#
FHP	2028#

Note: The first two attempts at setting tool resulted in packer failures, although hook wall packer assembly held weight of pipe - third attempt resulted in hook holding and packer seats that held - Probably most of mud recovery was the result of the first two packer failures. Hydrostatic pressure of 250' mud column is approximately 120 psi.

Copy [redacted] file & return

JAMES W. NANCE
CONSULTING GEOLOGIST
716 AMERICAN NATIONAL BANK BUILDING
DENVER 2, COLORADO

PHONE: AMHERST 6-2532

August 25, 1964

Mr. Harvey L. Coonts
Utah Oil & Gas Conversation Commission
P. O. Box 266
Moab, Utah

Dear Sir:

Enclosed herewith please find copies of Well Completion Report and Subsequent Report of Abandonment covering the Davis Oil Company # 1 Lisbon Gap Unit well, located in S31-T30S-R26E, San Juan County, Utah.

I assume that these items should be directed to you rather than the Salt Lake City office, however, I'm enclosing two copies of each so that in the event a copy is required by the office in Salt Lake you will be able to furnish them with a copy.

I'm informed by C & W Contracting of Moab that the location is cleared, pits back filled, and ready for inspection.

We built a small dam across the small drainage immediately to the west of the location. Landowner requested that this dam be left intact so that he might use it to impound water for livestock use. We hope this procedure will meet with your approval.

Yours very truly,

James W. Nance

JWN:s
encl.

Form 9-331
(May 1963)

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.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Dry Hole

2. NAME OF OPERATOR
DAVIS OIL COMPANY

3. ADDRESS OF OPERATOR
1020 Midland Savings Bldg., Denver 2, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
C SE NE 31-T30S-R26E

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Lisbon Gap Unit

8. FARM OR LEASE NAME
Redd

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
W.C.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
31-T30S-R26E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6367' Gr. 6376' KB

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	X
REPAIR WELL	☐	CHANGE PLANS	☐				
(Other)			☐	(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. Well plugged in accordance with instructions received from State of Utah and USGS and reported on "Notice of Intention to Abandon".

2. 10 sack plug in top of surface pipe, cementing in regulation dry hole marker.

3. Pits back-filled

4. Location cleared and graded.

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

SIGNED James A. Nance TITLE Consulting Geologist DATE 8-25-64

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

DAVIS OIL COMPANY

OIL PRODUCERS

1230 DENVER CLUB BLDG. • DENVER, COLORADO 80202 • 255-4661

October 14th, 1965

511 5TH AVENUE
NEW YORK, N.Y. 10017

NEW ORLEANS, LA.

Mr. Cleon B. Feight
Oil & Gas Conservation Commission
State of Utah
310 Newhouse Building
Salt Lake City, Utah

RE: DRILLING BOND NO. 77-86-348
Davis Oil - #1 Lisbon Gap Unit
SE¼NE¼ Sec. 31-30S-26E of SLM
San Juan County, Utah

Dear Sir:

Inasmuch as the Subsequent Report of Abandonment covering the drilling of the captioned test was approved September 25th, 1964, would you now please advise the Surety Company (Fidelity & Deposit Company of Maryland) that Policy No. 77-86-348 covering the Oil & Gas Drilling Bond for the above test, may now be cancelled.

Your earliest possible attention to this matter will be greatly appreciated.

Yours very truly,

DAVIS OIL COMPANY

Paul Messinger
Exploration Manager

PMe