DAVIS OIL COMPANY
410 – 17TH STREET, SUITE 1400
DENVER, COLORADO 80202
TELEPHONE: 303-623-1000

NEW ORLEANS
HOUSTON
TULSA

RECEIVED
JUL 20 1981
DIVISION OF
OIL, GAS & MINING

July 17, 1981

Mr. Mike Mender
Dept. of Natural Resources
Division of Oil & Gas
1588 W. North Temple
Salt Lake City, Utah 84116

RE: Exception to the spacing
#1 Montezuma Creek Federal
NWSW Sec. 14, T38S, R24E
San Juan County, Utah
820' FWL, 2440' FSL

Dear Mr. Mender:

With reference to our drilling of the captioned test, please let this letter serve as our request for an exception to Rule 302 in order to drill the #1 Montezuma Creek Federal.

We have asked the following offset owners within one-half mile of said location to write you and let you know that they have no objection to said location:

Marathon Oil Co.
Box 120
159 N. Wolcott
Casper, WY 82602

Mobil Oil Co.
Box 5444
1050 17th St.
Denver, CO 80217

All other working interest owners within one-half mile of this location are involved with the drilling of this well.

Very truly yours,

DAVIS OIL COMPANY

Michelle

Michelle Fisher
Executive Secretary

/mf
Enclosures
cc: USGS

DAVIS OIL COMPANY
410 – 17TH STREET, SUITE 1400
DENVER, COLORADO 80202
TELEPHONE: 303-623-1000

NEW ORLEANS
HOUSTON
TULSA

July 10, 1981

RECEIVED
JUL 27 1981
DIVISION OF
OIL, GAS & MINING

Mr. Carl Barrick
U.S.G.S
701 Camino Del Rio
Durango, CO 81301

RE: #1 Montezuma Creek Federal
NW SW Sec. 14, T38S, R24E
San Juan County, Utah

Dear Mr. Barrick:

Enclosed please find for your approval, an original and three copies of the Application for Permit to Drill, together with four copies of the Staking Plat covering the drilling of the captioned proposed test. Designation of Operator from Wexpro is enclosed for your files.

By carbon copy of this letter to the Utah State Oil & Gas Commission, we are furnishing them with a copy of our application and staking plat.

Your early attention to the approval of said application will be appreciated.

Very truly yours,

DAVIS OIL COMPANY

Michelle Fisher
Executive Secretary

/mf
Enclosures

cc: Utah State Oil & Gas Commission

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [XX] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [XX] GAS WELL [ ] OTHER SINGLE ZONE [XX] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: DAVIS OIL COMPANY

3. ADDRESS OF OPERATOR: 410 17th Street, Suite 1400, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: NW SW Sec. 14, T38S, R24E
At proposed prod. zone: 820' FWL, 2140' FSL

5. LEASE DESIGNATION AND SERIAL NO.: U-44820

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: ——

7. UNIT AGREEMENT NAME: ——

8. FARM OR LEASE NAME: Montezuma Creek Federal Uni

9. WELL NO.: #1

10. FIELD AND POOL, OR WILDCAT: ~~Wildcat~~ Hatch

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 14, T38S, R24E

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 20 miles northwest to Blanding, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 820' west

16. NO. OF ACRES IN LEASE:

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.: NONE

19. PROPOSED DEPTH: 5960'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5050' GR Est., 5062' KB Est.

22. APPROX. DATE WORK WILL START*: Upon approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36# K55	~~STC (NEW)~~	~~0-1800' 800 sxs. est.~~
8 3/4"	5 1/2"	15.5# K-55	~~LTC (NEW)~~	~~0-5960' 700 sxs. est.~~

(SEE TEN POINT PROGRAM)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 8/14/81
BY: [signature]

RECEIVED
JUL 13 1981
DIVISION OF OIL, GAS & MINING

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: Ed Lafaye — Ed Lafaye
TITLE: Chief Geologist
DATE: 7/10/81

(This space for Federal or State office use)

PERMIT NO. ____ APPROVAL DATE ____

APPROVED BY ____ TITLE ____ DATE ____

CONDITIONS OF APPROVAL, IF ANY:

COMPANY DAVIS OIL COMPANY

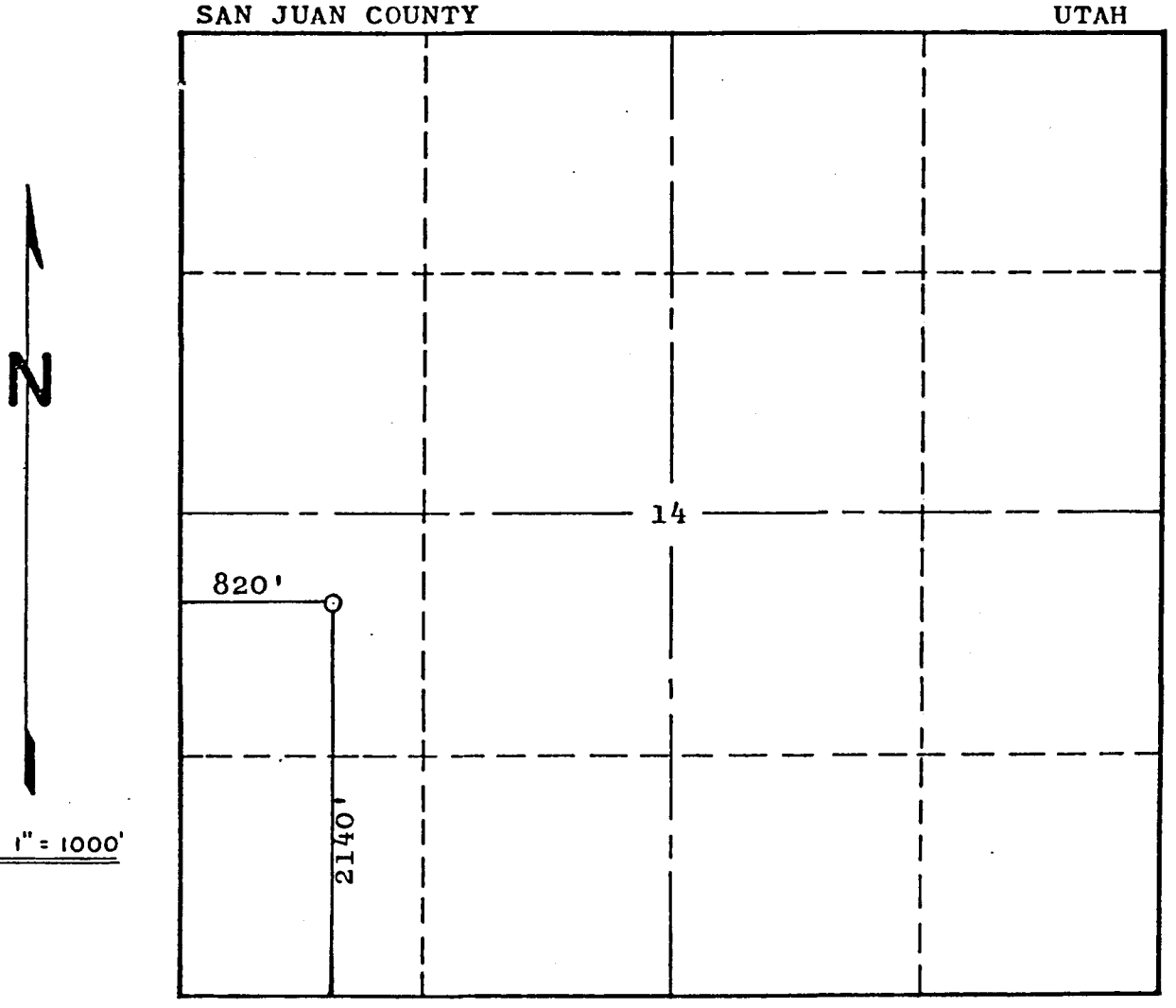
LEASE MONTEZUMA CREEK FEDERAL UNIT WELL No. 1

SECTION 14 T. 38 S. R. 24 E., S.L.B. & M.

LOCATION 2140 feet from the south line
820 feet from the west line

ELEVATION 5050 (ungraded)
USGS Datum

SAN JUAN COUNTY UTAH



Scale: 1" = 1000'

The undersigned, KROEGER ENGINEERING COMPANY, hereby certifies that the above plat was prepared from field notes of actual surveys made by them, and that the same are true and correct to the best of their knowledge and belief.

DATE: July 13, 1981

KROEGER ENGINEERING COMPANY

By: John A. Kroeger

John A. Kroeger, President
Utah LS Reg. No. 1648

TEN POINT PROGRAM

1) SURFACE FORMATION: Morrison

2 & 3) ESTIMATED TOPS: (Water, Oil, Gas or Mineral bearing formations)

Morrison, Brushy Basin Mbr.	surface	water
Navajo Sandstone	1700'	sandstone with fresh water
Hermosa	4610'	limestone, sandstone, possible gas sands
Upper Ismay	5681'	limestone, anhydrite, possible oil
Lower Ismay	5773'	limestone, anhydrite, possible oil
Desert Creek	5835'	limestone, anhydrite, dolomite, black shale
Desert Creek Pay	5890'	cream dolomite with oil and gas
Akah	5944'	anhydrite & salt
Total Depth	5960'	

4) CASING PROGRAM:
12 1/4", 9 5/8" 36# K-55 STC(NEW) 0-1800' 800 sxs. est.
8 3/4", 5 1/2" 15.5# K-55 LTC(NEW) 0-5960' 700 sxs. est.

5) PRESSURE CONTROL EQUIPMENT: (See attached schematic diagram) BOP's and choke manifold will be installed and pressure tested before drilling out under surface casing and then will be checked daily as to mechanical operating condition. Ram type preventors and related pressure control equipment will be pressure tested to rated working pressure of the stack assembly or to 70% of the minimum internal yield pressure of the casing. Annular type preventors will be tested to 50% of their rtaed working pressure. BOP's will be pressure tested at least once every 30 days.

6) MUD PROGRAM:
0-1800' spud mud
1800-4600' gel lime mud 9 ppg
4600-5960' LSND Maximum mud weight 9-10 ppg based on offset of wells.
35-45 vis., 10 cc W.L., PH 10.
Sufficient mud materials to maintain mud properties, control lost circulation and to contain blowout will be available at wellsite.

7) AUXILLIARY EQUIPMENT:

1) Kelly Cock.
2) Drill Pipe Float (Except for lost circulation drilling conditions)
3) Monitoring of Mud System will be visual unless otherwise specified.
4) A sub on the floor with a full opening valve to be stabbed into drill pipe when Kelly is not in the string.

8) LOGGING:

DIL-SFL-GR; CNL-FDC; dipmeter BHC-sonic - from base of surface casing to total depth.

CORING:

None planned, at discretion of geologic staff.

8) Continued -

TESTING:

1 DST Ismay
1 DST Desert Creek

STIMULATION:

Ismay, Desert Creek Formation - acidize each potential pay with 7500 gallons HCL.

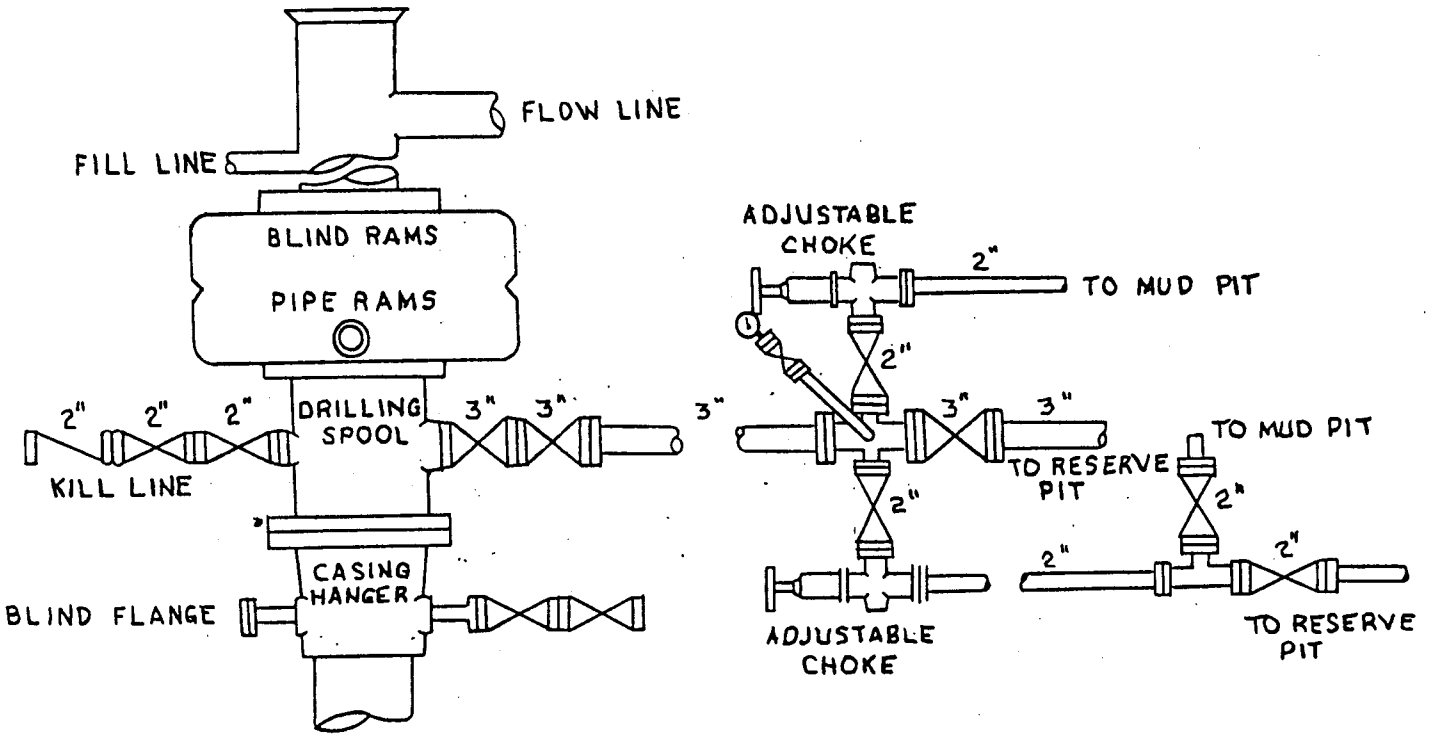
Actual volume of treatment will be dependent upon thickness of pay and evaluation of zone of interest.

9) ABNORMAL PRESSURE: This firm does not anticipate any abnormal pressure of temperatures or any other hazards. This is based on previous geological data from nearby wells.

ESTIMATED BOTTOMHOLE PRESSURE: 3000 PSI.

10) ANTICIPATED STARTING DATE: Within 30 - 45 days from Government approval.

DURATION OF OPERATION: 30-60 Days.



DAVIS OIL COMPANY

CACTUS DRILLING RIG NO. 5 & 19

BLOW-OUT PREVENTION SYSTEM

12" 900 SERIES SHAFFER TYPE 48

Form 9-1123 (Submit in Triplicate)

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL NO.: U-44820

and hereby designates

NAME: Davis Oil Company
ADDRESS: 410 17th Street, suite 1400
Denver, Colorado 80202

as his operator and agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 38 South, Range 24 East, SLM
Section 14: N/2, SW/4

Containing 480.00 acres more or less.

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

WEXPRO COMPANY

M. L. Olsen (M. J. Olsen)
(Signature of lessee)
Attorney-in-Fact

June 26, 1981
(Date)

141 East First South, P. O. Box 11070
(Address) Salt Lake City, Utah 84147

U. S. GOVERNMENT PRINTING OFFICE 16—53508-2

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217

RECEIVED
JUL 27 1981
DIVISION OF
OIL, GAS & MINING

July 24, 1981

State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

ATTENTION: Mr. Mike Mender

DAVIS OIL COMPANY
#1 MONTEZUMA CREEK FEDERAL
NW/SW SEC. 14, T38S, R24E
SAN JUAN COUNTY, UTAH
820' FWL, 2440' FSL

Dear Mr. Mender:

We have reviewed the proposal by Davis Oil Company and request for exception to the spacing order for the captioned well. Be advised that Mobil Oil Corporation has no objection to the approval of the Davis application.

Yours very truly,

J. L. Douglass

J. L. Douglass
Associate Division Regulatory
Engineer

JLD/hv

cc Davis Oil Company
410 17th Street
Suite 1400
Denver, CO 80202
ATTN: Ms. Michelle Fisher

** FILE NOTATIONS **

DATE: Aug. 13, 1981

OPERATOR: Davis Oil Co.

WELL NO: Montezuma Creek Federal #1

Location: Sec. 14 T. 38S R. 24E County: San Juan

File Prepared: ✓ Entered on N.I.D: ✓

Card Indexed: ✓ Completion Sheet: ✓

API Number 43-037-30705

CHECKED BY:

Petroleum Engineer:

Director: OK as per rule C-3

Administrative Aide: OK as Per Rule C-3

APPROVAL LETTER:

Bond Required: Survey Plat Required:

Order No. O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation Fed. Plotted on Map

Approval Letter Written

Hot Line P.I.

August 14, 1981

Davis Oil Company
410 17th St., STE. #1400
Denver, Colo. 80202

RE: Well No.Montezuma Creek Federal #1,
Sec. 14, T. 38S, R. 24E,
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

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

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30705.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

CBF/db
CC: USGS

FORM DOGC-4

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
533-5771

State Lease No. _____
Federal Lease No. U-44820
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY San Juan FIELD/LEASE Wildcat/Montezuma Creek #1

The following is a correct report of operations and production (including drilling and producing wells) for the month of:

AUGUST, 19 81

Agent's Address 410 17th Street
Suite 1400
Denver, CO 80202
Phone No. (303) 623-1000

Company Davis Oil Company
Signed P. M. Leighton
Title Production Services Manager

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
4 NW SW	38S	24E	1	0	—	—	—	—	-0-	8-17-81 MIRT. 8-19-81 SPUDDED WELL.

GAS: (MCF)
Sold NONE
Flared/Vented ✓
Used On/Off Lease ✓

OIL or CONDENSATE: (To be reported in Barrels)
On hand at beginning of month NONE
Produced during month ✓
Sold during month ✓
Unavoidably lost ✓
Reason: ✓
On hand at end of month ✓

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. *THIS REPORT MUST BE FILED*

HALLIBURTON SERVICES

JOB LOG

WELL NO. #1 LEASE Meadows Crk. Fed. TICKET NO. 913629

CUSTOMER Davis Oil Company PAGE NO. 1

JOB TYPE Plug to Abandon DATE 9/6/81

FORM 2013 R-3

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING D.P.	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
								Safety Meeting.
1.	0950	4	8			800		Water ahead 1st Plug
2.	0952	5.8	23.18			"		Start mix Cement.
3.	0956	6.97	83.6			"		Cmt. Mixed. Start Disp.
4.	1008	—	—			0		Disp in. Plug #1 5979 to 5879
5	1130	4	8			600		Water ahead 2nd Plug
6	1132	6.18	18.54			"		Start Mix Cement.
7	1135	6.32	56.9			"		Cmt. Mixed Start Disp.
8	1144	--	—			0		Disp. in. Plug #2 4100 to 4000
9	1235	4	8			400		Water ahead 3rd Plug
10	1237	6.95	20.86			"		Start Mix Cement.
11	1240	6.28	37.7			"		Cmt. Mixed. Start Disp.
12	1246	—	—			0		Disp. in. Plug #3 2250 to 2150
13	1320	4	8			200		Water ahead 4th Plug
14	1322	6.43	12.85			"		Start Mix Cement.
15	1324	6.23	24.9			"		Cmt. Mixed. Start Disp.
16	1328	—	—			0		Disp. in. Plug #4 1850-1750
17	1455	4	8			100		Water ahead 5th Plug
18	1457	2.43	4.85			"		Start Mix Cement.
19	1459					"		Cmt. Mixed. Start. Disp.
20	1500	½	½			0		Disp. in Plug #5 50 to 0
								Job Complete
								Thanks
								Dan, Bruce & Dave.

CUSTOMER

HALLIBURTON SERVICES
JOB SUMMARY

FORM 2013 R-2

HALLIBURTON DIVISION: Midland

HALLIBURTON LOCATION: Cortez, Co.

BILLED ON TICKET NO. 903629

WELL DATA

FIELD: WILDCAT SEC. ____ TWP. ____ RNG. ____ COUNTY: San Juan STATE: UT.

FORMATION NAME ____ TYPE ____

FORMATION THICKNESS ____ FROM ____ TO ____

INITIAL PROD: OIL ____ BPD, WATER ____ BPD, GAS ____ MCFD

PRESENT PROD: OIL ____ BPD, WATER ____ BPD, GAS ____ MCFD

COMPLETION DATE ____ MUD TYPE ____ MUD WT. ____

PACKER TYPE ____ SET AT ____

BOTTOM HOLE TEMP. ____ PRESSURE ____

MISC. DATA ____ TOTAL DEPTH ____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING						
LINER						
TUBING DP	N	16.60	4 1/2	K.B.	5990	800
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 9/5/81	DATE 9/6/81	DATE 9/6/81	DATE 9/6/81
TIME 2300	TIME 0830	TIME 0950	TIME 1500

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
D.A. MARKS	9874	CORTEZ
B.T. TOZER	HT-400	
D. Wood	4685 BC	

MATERIALS

TREAT. FLUID ____ DENSITY ____ LB/GAL. °API

DISPL. FLUID ____ DENSITY ____ LB/GAL. °API

PROP. TYPE ____ SIZE ____ LB. ____

PROP. TYPE ____ SIZE ____ LB. ____

ACID TYPE ____ GAL. ____ % ____

ACID TYPE ____ GAL. ____ % ____

ACID TYPE ____ GAL. ____ % ____

SURFACTANT TYPE ____ GAL. ____ IN ____

NE AGENT TYPE ____ GAL. ____ IN ____

FLUID LOSS ADD. TYPE ____ GAL.-LB. ____ IN ____

GELLING AGENT TYPE ____ GAL.-LB. ____ IN ____

FRIC. RED. AGENT TYPE ____ GAL.-LB. ____ IN ____

BREAKER TYPE ____ GAL.-LB. ____ IN ____

BLOCKING AGENT TYPE ____ GAL.-LB. ____

PERFPAC BALLS TYPE ____ QTY. ____

OTHER ____

OTHER ____

DEPARTMENT: Cement

DESCRIPTION OF JOB: Plug To Abandon

JOB DONE THRU: TUBING (DP) ☑ CASING ☐ ANNULUS ☐ TBG./ANN. ☐

CUSTOMER REPRESENTATIVE: X Leo Lewis.

HALLIBURTON OPERATOR: D.A. MARKS COPIES REQUESTED: 1

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	110	Reg	B	IDEAL	B	NEAT		
2	88	"	"	"	"			
3	99	"	"	"	"		1.18	15.6
4	61	"	"	"	"			
5	23	"	"	"	"			

PRESSURES IN PSI

CIRCULATING ____ DISPLACEMENT ____

BREAKDOWN ____ MAXIMUM ____

AVERAGE ____ FRACTURE GRADIENT ____

SHUT-IN: INSTANT ____ 5-MIN. ____ 15-MIN. ____

HYDRAULIC HORSEPOWER

ORDERED ____ AVAILABLE ____ USED ____

AVERAGE RATES IN BPM

TREATING ____ DISPL. ____ OVERALL ____

CEMENT LEFT IN PIPE

CSG ____ REASON ____

SUMMARY

PRESLUSH: BBL.-GAL. 40 TYPE FW.

LOAD & BKDN: BBL.-GAL. ____ PAD: BBL.-GAL. ____

TREATMENT: BBL.-GAL. ____ DISPL: BBL.-GAL. 20.4

CEMENT SLURRY: BBL.-GAL. 80.3

TOTAL VOLUME: BBL.-GAL. 324.4

VOLUMES

REMARKS

CUSTOMER: Davis Oil Company

LEASE: Mountain Land Federal

WELL NO.: #1

JOB TYPE: Plug To Abandon

DATE: 9/6/81

CUSTOMER

Form 9-330
(Rev. 5-63)

12

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*

5. LEASE DESIGNATION AND SERIAL NO.: U-44820

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: ----------

7. UNIT AGREEMENT NAME: ----------

8. FARM OR LEASE NAME: Montezuma Creek Federal Unit

9. WELL NO.: #1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 14, T38S, R24E

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY XX Other

b. TYPE OF COMPLETION: NEW WELL XX WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: DAVIS OIL COMPANY

3. ADDRESS OF OPERATOR: 410 17th St., Suite 1400, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: NWSW Sec. 14, T38S, R24E
At top prod. interval reported below: 820' FWL & 2140' FSL
At total depth:

14. PERMIT NO. / DATE ISSUED: API# 43-037 30705 8/14/81

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

15. DATE SPUDDED: 8/19/81

16. DATE T.D. REACHED: 9/3/81

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

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: GR. 5050' KB 5062'

19. ELEV. CASINGHEAD:

20. TOTAL DEPTH, MD & TVD: DTD 5973' LTD 5979'

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

22. IF MULTIPLE COMPL., HOW MANY*:

23. INTERVALS DRILLED BY: → ROTARY TOOLS: surface to TD CABLE TOOLS:

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: Laterolog base sfc csg, CNL-FDC, Dipmeter base sfc csg, BHC-Sonic base sfc csg.

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
9 5/8"		1,800'	12 1/4"		

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): P & A'D

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: Geological Report

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

SIGNED: Ed Lafaye (Ed Lafaye) TITLE: Chief Geologist DATE: 10/9/81

*(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.
DST #1 5860-5973'			

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Hermosa	4646	+ 416
Ismay	5615	- 553
L. Ismay	5739	- 677
Desert Creek	5826	- 764
Akah	5936	- 874

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

DAVIS OIL COMPANY
410 – 17TH STREET, SUITE 1400
DENVER, COLORADO 80202
TELEPHONE: 303-623-1000

NEW ORLEANS
HOUSTON
TULSA

October 9, 1981

Department of Natural Resources
Division of Oil & Gas
1588 West North Temple
Salt Lake City, Utah 84116

RE: #1 Montezuma Creek Federal Unit
NWSW Sec. 14, T38S, R24E
San Juan County, Utah

Gentlemen:

Enclosed are your requested number of copies of the geological report and the completion report on the above captioned well for your files.

Very truly yours,

DAVIS OIL COMPANY

Stacey

Stacey L. Williams
Geological Clerk

RECEIVED
OCT 15 1981
DIVISION OF
OIL, GAS & MINING

/sw
Enclosures

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☐ other Dry Hole
2. NAME OF OPERATOR: Davis Oil Company
3. ADDRESS OF OPERATOR: 410 17th St. Denver CO 80202
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
   AT SURFACE: NWSW Sec. 14 T38S R24E
   AT TOP PROD. INTERVAL:
   AT TOTAL DEPTH: At proposed production zone 820' FWL, 2140' FSL
5. LEASE: U-44820
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Montezuma Creek Federal
9. WELL NO.: 1
10. FIELD OR WILDCAT NAME: Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 14 T38S R24E
12. COUNTY OR PARISH: San Juan
13. STATE: Utah
14. API NO.:
15. ELEVATIONS (SHOW DF, KDB, AND WD): 5050' GL 5062' KB

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☒	☐
(other)		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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 well at 8 A.M. on 8-19-81
Drilled and set 1800' 9 5/8 36# Surface and cemented to surface.
Drilled 8 3/4" to 6007'
Plugged as follows:

1	5,979 - 5,879	100 Sks.
2	4,100 - 4,000	75 Sks.
3	2,750 - 2,650	75 Sks.
4	1,850 to 1,750	75 Sks.
5	50' to surface	50 Sks.

Dry Hole marker installed and location cleaned up.

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DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED B R Potter TITLE Area Supt. DATE 10/6/81

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

A GEOSCIENCE EXTENSION OF XCO

910 Sixteenth Street, #522, Denver, Colorado 80202 (303) 893-8138

DAVIS OIL COMPANY

MONTEZUMA CREEK FEDERAL UNIT NO. 1

NW¼ - SW¼ SECTION 14 T38S - R24E

SAN JUAN COUNTY, UTAH

RECEIVED

OCT 15 1982

DIVISION OF
OIL, GAS & MINING

GEOLOGIST:

Eric Drummond -
GX Consultants

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RESUME

OPERATOR:	Davis Oil Company
WELL NAME & NUMBER:	Montezuma Creek Federal Unit No.1
LOCATION:	NW¼ - SW¼ SECTION 14 - T38S - R24E
COUNTY:	San Juan
STATE:	Utah
SPUD DATE:	August 19, 1981
COMPLETION DATE (TD):	September 3, 1981
ELEVATIONS:	5,050' GL 5,062' KB
TOTAL DEPTH:	5,979' LOGS 5,973' DRLR
CONTRACTOR:	Brinkerhoff Signal
RIG:	#76
TYPE RIG:	Triple Landing
PUMPS:	#1 P-2 Gardner Denver 116 Stroke #2 D375 Emsco 110 Stroke
GEOLOGIST:	Eric Drummond, GX Consultants
ENGINEER:	Leo L. Lewis
TOOL PUSHER:	Gary Weissgerber
TYPE DRILLING MUD:	Fresh Water
MUD COMPANY:	Baroid
MUD ENGINEER:	John T. Collard
HOLE SIZES:	0' - 1,800' 12¼" 1,800' - 5,973' 8-3/4"
CASING:	0' - 1,800' 9-5/8"
MUD LOGGING BY:	Analex/Mike MacDonald
TYPE UNIT:	1 Man Unit W/ Hotwire and Chromatograph
CORE INTERVALS:	None
DST DEPTHS:	5,860' - 5,973'
DST COMPANY:	Halliburton
ELECTRIC LOGS BY:	Schlumberger

RESUME (CONTINUED)

TYPE LOGS RUN:	Laterolog base sfc csg - 5,974', CNL-FDC 4,500' - 5,974', Dipmeter base sfc csg - 5,974', BHC - Sonic base sfc csg - 5,974'.
LOGGING ENGINEER:	Pete Lewand
BOTTOM FORMATION:	Akah
WELL STATUS:	Plugged and Abandoned.

SUMMARY AND CONCLUSIONS

Davis Oil #1 Montezuma Creek Federal was located twenty miles SE of Blanding, Utah, in the Blanding Basin. The main zone of investigation was the Porosity Zone below the 2nd Desert Creek Anhydrite (Penn.), from which the Reynolds Hatch Ltd. Federal #1 produces. This zone was drilled at a depth of 5,876', 3' low to the Reynolds Hatch Well. A Drill Stem Test suggested a wet, low permeability formation. Log values indicated a Limestone with 6% porosity and 75% Sw, and confirmed the Drill Stem Test results. Drilling gas increases were limited to dark gray to black Shales in both the Ismay and Desert Creek.

Davis Oil #1 Montezuma Creek Federal was determined to be void of production capability and was plugged and abandoned.

FORMATION TOPS AND CORRELATION

	DAVIS OIL #1 MONTEZUMA CREEK FED. NW¼ - SW¼ Sec. 14 T38S - R24E SAN JUAN CO., UTAH KB: 5,062'		REYNOLDS HATCH LTD. # FEDERAL SE¼ - NS¼ Sec. 15 T38S-R24E SAN JUAN CO., UTAH KB: 5,145'		MOUNTAIN FUEL SUPPLY CO. #1 CAVE CANYON SEC. 10 T38S - R24E SAN JUAN CO., UTAH KB: 5,132'	
FORMATION	E-LOGS	SUBSEA	E-LOGS	SUBSEA	E-LOGS	SUBSEA
Hermosa	4,646	+416	*	*	*	*
Ismay	5,615	-553	*	*	5,628	-494
L. Ismay	5,739	-677	*	*	5,754	-622
Desert Creek	5,826	-764	5,906	-761	5,840	-708
Akah	5,936	-874	*	*	5,973	-841

* Intervals not included on field correlation logs.

WELL HISTORY

1981 DATE	7:00 A.M. DEPTH	COMMENTS
8-29	4,520	Drilling 24 hrs.
8-30	4,848	Drilling 24 hrs.
8-31	5,271	T.O.H. @ 11:45 A.M. for washout in pipe, Drilling 2 hrs., T.O.H. @ 7:30 P.M. for washout in drill pipe.
9-1	5,410	On bottom @ 1:00 A.M., Drilling 23 hrs.
9-2	5,718	Circulate bottoms up (75 Min.) for gas drill 22-3/4 hrs.
9-3	5,963	Circulate samples up for possible cave, Condition mud, T.O. well @ 11:30 A.M. @ 5,973 ft., Wait on testers.
9-4	5,973	Test well, Circulate, Log well.
9-5	5,973	Log well - circulate.
9-6	5,973	Plug well.

MUD RECORD

MUDDED UP AT 40' ON 8/19/81

1981 DATE	DEPTH	WT.	F.VIS.	P.VIS.	YIELD	GEL STRNT	PH	FILTR	CK.	ALKA.	SALT	CHLO	CALCIUM	SAND	SOLID/%WTR.	CUMULATIVE COST
8/19	40	8.8	39	9	.2	8	9.5		4/32	—	500		20	.5	5.9	1254.00
8/20	1086	10.2	39	7	10	6/12	8.5	18.5	3/32	0/.5		800	20	8%	13	1764.00
8/21	1728	9.4	36	8	4	4/8	8.5	17.6	1/32			600	10	.5	7.5	
8/22	1800	8.5	34	14	8	2/5	7.6	16.0	2/32	0/.8		300	20	0	2	2785.0
8/23	2144	9.0	32	5	4	4/8	11.0	28.0	2/32	.6/1.0		200	0	1.0	4.6	4506.00
8/24	2388	8.9	32	4	1	1/3	9.5	17.6	2/32	.1/.5		300	tr.	1.5	3.9	6,346.00
8/25	3088	9.3	35	9	3	2/4	9.0	9.5	1/32	.1/.5		300	20	1.5	6.8	7,366.00
8/26	3504	9.3	37	10	4	4/9	9.5	10.4	1/32	.1/.4		400	20	.25	6.7	8,651.00
8/27	3842	9.35	40	15	10	8/12	9.5	8.4	2/32	.1/.5		600	20	.25	7.0	10,241.00
8/28	4279	9.2	38	12	10	4	8.5	12	1/32	.1/.7		500	tR	.25	6.0	12,241.00
8/29	4716	9.3	39	11	11	4/8	9	12	1	0/.35		600	36	TR	7.0	13,234.00
8/30	5039	9.2	34	9	6	3/6	9	14	1	.05/.2		1,000	40	TR	6.0	13,741.00
8/31	5320	—	—	—	—	—	9.5	14.4	—	.2/.4		11,000	28	TR	6.0	14,654.00
9/1	5561	8.9	36	8	3	3/7	8.0	12.4	2	.0/.4		800	40	1/2	4.0	15,564.00
9/2	5803	9.05	38	10	3	4/	8.0	12	1/32	0/.4		600	30	.75	4.6	17,812.00
9/3	5965	9.1	34	15	05	5/10	6.4	20	3/32	0/.4		20,000	180	.25	5.3	23,396.00
9/4	5965	9.1	31	7	1	3/5	10.5	16	2/32	.3/.9		19,500	300	.25	5.3	24,997.00
9/5	5979	9.2	38	12	7	4/8	10.5	20	2/32	.2/.5		27,000	680	<.5	5.4	23,396.00

BIT RECORD

BIT NO.	MAKE	TYPE	SIZE	DEPTH IN	DEPTH OUT	FOOTAGE	HOURS
1	STC	DG	12¼	0	573	573	12¼
2	SEC	S4T	12¼	573	1,263	690	13½
3	SEC	S44G	12¼	1,263	1,402	139	5½
4	HTC	J-22	12¼	1,402	1,800	398	11-3/
5	REED	Y-13	8-3/4	1,800	2,333	533	19½
6	HTC	J-22	8-3/4	2,333	3,649	1,316	53
7	REED	FP-52-J	8-3/4	3,649	5,309	1,660	
8	STC	F-3	8-3/4	5,309	5,974	665	

DRILLING FUNCTIONS

DEPTH	WOB	RPM	PP	DEVIATION
4,530	35	80	1,600	
4,822	35	80	1,600	
4,956	35	80	1,600	
5,127	35	80	1,600	
5,271	37	80	1,600	
5,309	37	80	1,600	1¼°
5,560	37	80	1,600	
5,780	37	80	1,600	
5,920	35	80	1,600	
5,973	35	80	1,600	

DRILL STEM TEST #1

Formation:	Desert Creek
Interval:	5,860' to 5,973' 113' Interval
Type Test:	Conventional Double Packer Test.
Testing Company:	Halliburton
Tester:	Ron Rockos
Water Cushion:	None
IF 30 Minutes:	No Blow
ISI 90 Minutes:	--
FF 90 Minutes:	No Blow
FSI 240 Minutes:	--
Recovery:	62.5 ft. Salt Water Cut Mud
Bottom Hole Sampler:	Pressure - 5.4 psi Recovery - 2,000 mil Salt Water Cut Mud
Resistivity Data:	Drill Pipe Recovery: -- Top: 1.77 @ 95° Sampler: 1.79 @ 98° Mud Pit: 1.78 @ 100°F

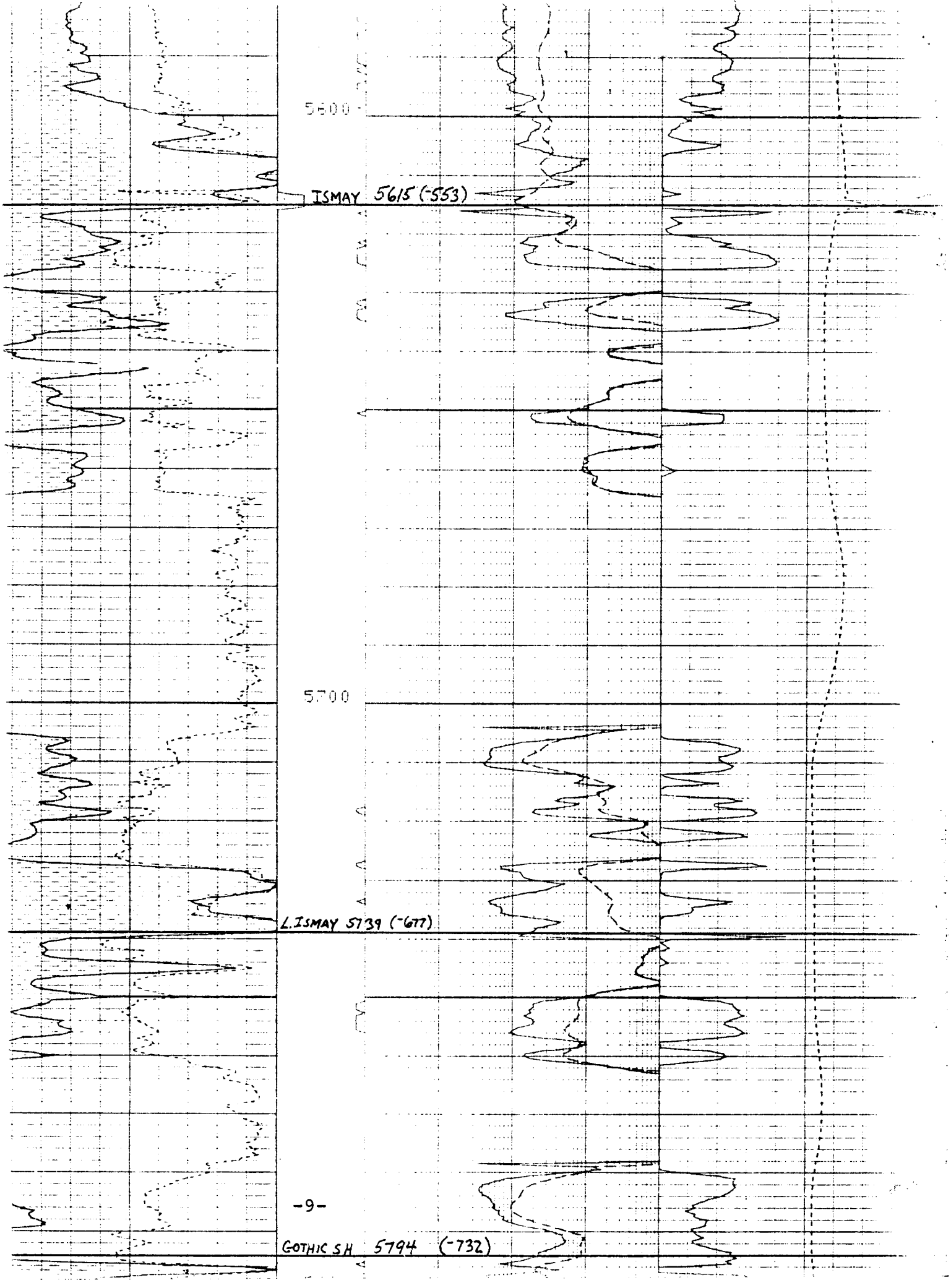
Pressures:

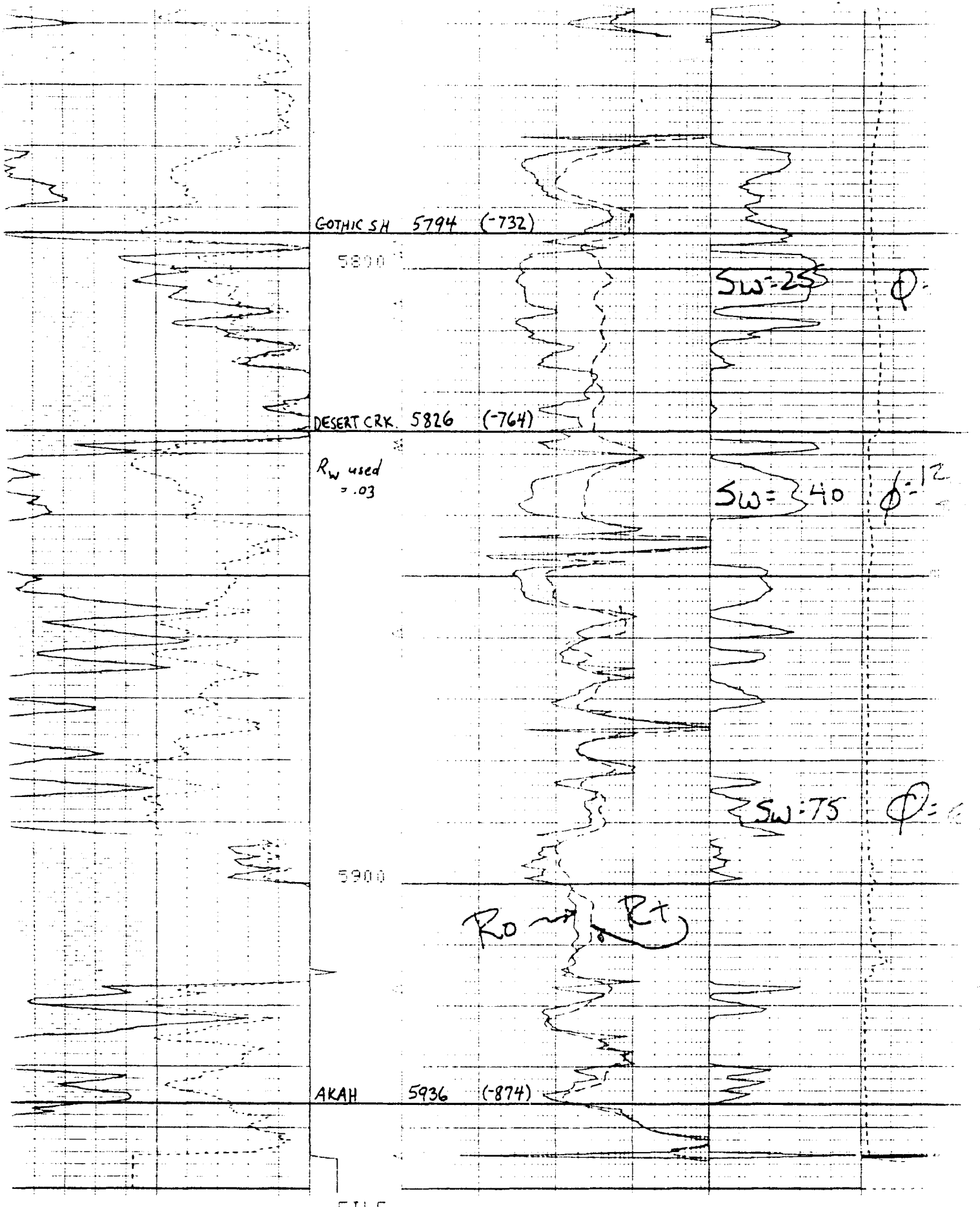
Top Chart (5,881)		Bottom Chart (5,973)	
IH:	2,682.4	IH:	2,751.4
IF:	2,859.3 to 2,939.7	IF:	2,831.2 to 2,911.0
ISI:	5.4	ISI:	5.3
FF:	133.4 to 106.7	FF:	132.3 to 105.9
FSI:	133.4	FSI:	132.3
FH:	2,859.3	FH:	2,857.8

Top Choke: 1/8" Bottom Choke: 3/4"

Bottom Hole Temperature: 124°F

Additional Remarks: Good Mechanical Test.


5600
ISMAY 5615 (-553)
5700
L.ISMAY 5739 (-677)
GOTHIC SH 5794 (-732)


GOTHIC SH 5794 (-732)
5800
SW=25
DESERT CRK. 5826 (-764)
Rw used
= .03
SW= 40
SW=75
5900
Ro
Rt
AKAH 5936 (-874)
FILE
PASS II

SW ( )
1.000

LITHOLOGY

4,480 - 4,510	100% SILTSTONE - rdbrn - orng sme lt gn, sft - frm, mod calc.
4,510 - 4,540	100% SILTSTONE - rdbrn orng, sme ltgy - gn a/a, sft, calc.
4,540 - 4,570	90% SILTSTONE - gen a/a. 10% SHALE - m - dkgy, frm, sb-n fis, blky - splty, sl calc NSFOC. Tr LIMESTONE - mgy, frm, crpxln, vf suc, no vis Ø, mod - v arg, NSFOC.
4,570 - 4,600	90% SILTSTONE - rdbrn-orng/lt - mgygn, mod calc, sme micaceous, NSFOC. 10% SHALE - a/a. Tr LIMESTONE - a/a.
4,600 - 4,630	80% LIMESTONE - bf - ltgy sme wh, sft, crpxln, micrite, no vis Ø, sl arg, NSFOC. 20% SILTSTONE - gen a/a.
4,630 - 4,660	70% SILTSTONE - rdbrn - orng brn, sft, mod calc. 20% SANDSTONE - clr - ltgy, vf gr, sbrd, w srt, p intxln Ø, NSFOC. 10% LIMESTONE - gen a/a (wh - bf ltgy).
4,660 - 4,690	90% LIMESTONE - ltgy, sft - frm, crpxln, micrite, no vis Ø, n arg, NSFOC. 10% SILTSTONE - a/a.
4,690 - 4,710	No Sample.
4,710 - 4,730	60% LIMESTONE - lt-mgy, sft, crpxln sme vf sucrose, crpxln, micrite, no vis Ø, sl arg, NSFOC. 40% SILTSTONE - rdbrn-orng, sft, mod calc, NSFOC micaceous.
4,730 - 4,740	90% LIMESTONE - tan - ltbrn sme ltgy - wh, a/a, frm, crpxln, micritic, no vis Ø, sl arg, dns, NSFOC. 10% SILTSTONE - gen a/a.
4,740 - 4,760	40% LIMESTONE - ltgy, sft - frm, crpxln sme vf sucrose, sparite - micrite, sl - n arg, no vis Ø, NSFOC. 60% SILTSTONE - rdbrn - brn ang, sft, mod calc.
4,760 - 4,770	80% LIMESTONE - mgy-brn, sft, vf sucrose, sparry, sl - n arg, no vis Ø, micaceous - (biotitic). 20% SILTSTONE - a/a.
4,770 - 4,780	Sample gen a/a.
4,780 - 4,790	70% LIMESTONE - mgy sme brn, sft, vf sucrose, sparry, no vis Ø, biotitic.

LITHOLOGY (CONTINUED)

4,780 - 4,790 (CONTINUED)	30% SILTSTONE - gen a/a.
4,790 - 4,800	90% LIMESTONE - mgy sme brn gen a/a (NSFOC). 10% SILTSTONE - rdbrn - orng, sft, sl calc NSFOC.
4,800 - 4,820	70% SILTSTONE - rdbrn - orng, sft, mod - v calc sme micaceous. 30% LIMESTONE - m-dk gy sme wh, frm, crpxln, micrite, no vis Ø, NSFOC.
4,820 - 4,840	80% LIMESTONE - wh - ltgy, sft, crpxln, micrite - sparite, no vis Ø, sl - n arg, NSFOC. 20% SILTSTONE - gen a/a.
4,840 - 4,860	80% SILTSTONE - gen a/a (mstly brn). 20% LIMESTONE - from above.
4,860 - 4,880	40% LIMESTONE - mgy sme brn, sft, crpxln sme vf sucrose, micrite - sparite, sl arg, n vis Ø, NSFOC. 60% SILTSTONE - brn-orng lt gygn, sft - frm, mod- v calc, sme biotitic.
4,880 - 4,900	40% LIMESTONE - mgy ltbrn, frm, crpxln sme vf sucrose, micrite - sparite, sl-mod arg, NSFOC. 60% SILTSTONE - gen a/a. Tr SANDSTONE - gy sme clr, fgr, sbang, wsrt, p intgrnlr Ø, sme mica, NSFOC.
4,900 - 4,020	40% LIMESTONE - gen a/a. 60% SILTSTONE - gen a/a.
4,920 - 4,940	80% SILTSTONE - brn orng mgy - gn, sft - mod calc, gen grdg to Sh. 20% LIMESTONE - a/a.
4,940 - 4,960	60% LIMESTONE - lt - mgy, sft, crpxln, micrite - sparite no vis Ø, NSFOC. 40% SILTSTONE - gen a/a.
4,960 - 4,980	40% LIMESTONE - gen a/a. 60% SILTSTONE - rdbrn orng ltgygn a/a (gen grdg to sh).
4,980 - 5,000	80% SILTSTONE - rdbrn - orng ltgygn, sft, v calc. 10% SHALE - lt-mgy gygn, frm, sb - n fis, splty, bentonitic, sl calc. 10% LIMESTONE - gen a/a.
5,000 - 5,020	90% SILTSTONE - gen a/a. 10% SHALE - gen a/a (ltgygn, bentonitic).
5,020 - 5,040	70% LIMESTONE - lt - mgygn, frm - hd, crpxln, micrite, no vis Ø, sl arg, NSFOC. 20% SILTSTONE - a/a.

LITHOLOGY (CONTINUED)

5,060 - 5,080	80% SILTSTONE - gen a/a. 20% LIMESTONE - a/a.
5,080 - 5,100	50% LIMESTONE - lt-mgy sme gybrn, frm, crpxln, micrite, no vis Ø, sl - mod arg, NSFOC. 50% SILTSTONE - rdbrn - brn sme orng, frm, mod - v calc
5,100 - 5,120	90% LIMESTONE - ltgy sme tan, crpxln, micrite - sparite, no vis Ø, sl arg, NSFOC. 10% SILTSTONE - a/a.
5,120 - 5,140	80% LIMESTONE - gen a/a no vis Ø, NSFOC dkgy. 20% SILTSTONE - brn sme gy, sft, micaceous, mod -v calc.
5,140 - 5,160	70% LIMESTONE - gen a/a (sme vf sucrose w/p pnpt Ø) NSFOC. 30% SILTSTONE - gen a/a.
5,160 - 5,180	90% LIMESTONE - bf - wh sme ltgy, crpxln, sparry, no vis Ø, sl arg, NSFOC.
5,180 - 5,200	60% DOLOMITE - dkgy, frm, crpxln, mod - v arg, no vis Ø, dns, dns, NSFOC. 20% LIMESTONE - gen a/a. 10% SILTSTONE - a/a.
5,200 - 5,220	70% LIMESTONE - lt - mgy, frm, crpxln sme vf sucrose, sparit - micrite, no vis Ø, mod arg, NSFOC. 30% SILTSTONE - gen a/a.
5,220 - 5,240	60% SILTSTONE - gen a/a. 30% LIMESTONE - gen a/a (lt gy sme wh). Tr SANDSTONE - clr - ltbrn, vf gr, sb fri, sbang, w srt, mod calc, NSFOC.
5,240 - 5,260	Sample gen a/a.
5,260 - 5,280	80% DOLOMITE/LIMESTONE - m - dkgy, frm - hd, crpxln, micrite, no vis Ø sl arg, NSFOC. 20% SILTSTONE - rdbrn - orng gen a/a. Tr SANDSTONE - clr-wh ltbrn, sbfri, vf gr, sbang, w srt, drty, fr intgrnlr Ø, NSFOC.
5,280 - 5,300	90% LIMESTONE - ltgygn, sme wh, crpxln, dns, sparry sme micrite, sl arg, no vis Ø, NSFOC. 10% SILTSTONE - rdbrn orng, sft - frm, mod - v calc, NSFOC.
5,300 - 5,320	90% LIMESTONE - lt-dkgy, frm, crpxln sme mcrxln biosparite, (ltgy), sl arg, no vis Ø, NSFOC. 10% SILTSTONE - mstly brn, sft, mod calc. Tr SHALE - mgy, frm, n fis, plty n calc, NSFOC.
5,320 - 5,340	50% DOLOMITE/LIMESTONE - mgy, frm, crpxln, micrite, sl-mod arg, no vis Ø NSFOC.

LITHOLOGY (CONTINUED)

5,320 - 5,340 (CONTINUED)	30% SILTSTONE - gen a/a. 20% SHALE - mgy, frm - sft, n fis, plty, n calc, NSFOC.
5,340 - 5,370	90% LIMESTONE - ltgy - wh, sft, crpxln, micrite - sparite, no vis Ø, sl - n arg, NSFOC. 10% SILTSTONE - rdbrn gen a/a.
5,370 - 5,390	50% LIMESTONE -a/a sme ltgy, frm, vf sucrose, sparite, v p pnpt Ø, sl arg, NSFOC. 50% SILTSTONE.
5,390 - 5,410	90% LIMESTONE -gen a/a. 10% SILTSTONE - a/a.
5,410 - 5,430	50% LIMESTONE - wh ltgy, frm, crpxln, micrite, sl-n arg, no vis Ø, NSFOC. 50% SILTSTONE - rdbrn - orng sme gygn, sft, mod calc.
5,430 - 5,450	70% LIMESTONE - gen a/a, (sme vf sucrosic, p pnpt Ø, NSFOC). 30% SILTSTONE - a/a.
5,450 - 5,470	70% LIMESTONE - lt - mgy, sft, crpxln, micrite, sl - n arg, no vis Ø, NSFOC. 30% SILTSTONE/SHALE - rdbrn - orng, sft, mod calc.
5,470 - 5,480	90% LIMESTONE - gen a/a (lt gy, NSFOC). 10% SILTSTONE/SHALE - a/a.
5,480 - 5,500	No Sample.
5,500 - 5,520	60% SILTSTONE - rdbrn sme ltgn, sft, mod calc, sndy (ltgn) gen grdg to vf arg ss. 40% LIMESTONE - gen a/a.
5,520 - 5,540	80% LIMESTONE - ltgy sme gygn, sft-frm, crpxln, micrite, dns, sl arg, no vis Ø, NSFOC. 20% SILTSTONE - rdbrn - orng dkbrn, sft, mod calc, occ micaceous.
5,540 - 5,560	50% SILTSTONE - gen a/a sme ltgn gen grdg to sh. 50% LIMESTONE - a/a (ltgy, NSFOC).
5,560 - 5,580	70% LIMESTONE - lt-mgy, ft-frm, crpxln, micrite, no vis Ø, sl arg NSFOC. 30% SILTSTONE - a/a.
5,580 - 5,600	Sample gen a/a.
5,600 - 5,620	Tr SHALE - dkby - blk, frm, fis, plty, sl calc. 60% SILTSTONE - rdbrn -orng brn, sft, mod - v calc. 20% LIMESTONE - ltgy, sft, crpxln, micrite, no vis Ø, sl arg, NSFOC. 20% DOLOMITE - m - dkgy, frm, crpxln, no vis Ø, mod - v arg, gen grdg to v calc sh.

LITHOLOGY (CONTINUED)

5,620 - 5,640	60% LIMESTONE - lt - mgy, sft - frm, crpxln, micritic, sl - mod arg, no vis Ø, NSFOC. 40% SILTSTONE - a/a. Tr ANHYDRITE - wh, sft, xln. Tr SHALE - gen a/a (blk, frm, fis).
5,640 - 5,660	90% LIMESTONE - ltgy, frm, vf sucrosic - crpxln, micrite - sparite, sl arg, sme p pnpt Ø, NSFOC. 10% SILTSTONE - a/a.
5,660 - 5,680	Tr ANHYDRITE - wh, xln, sft. 90% LIMESTONE - lt-mgy, sft-frm, vf sucrose, micrite, mod arg, sme p pnpt Ø, NSFOC.
5,680 - 5,700	Tr ANHYDRITE - clr-wh, sft, xln, NSFOC. 90% LIMESTONE - lt - mgy, frm, crpxln, micrite, mod art, no vis Ø, dolic, NSFOC. 10% SILTSTONE - rdbrn sme ltgn, sft, mod - v calc, NSFOC.
5,700 - 5,710	90% LIMESTONE - lt-mgy sme wh, sft, crpxln, micrite, no vis Ø, sl-mod arg, NSFOC, sme dolic. 10% SILTSTONE - gen a/a.
5,710 - 5,720	90% LIMESTONE - gen a/a. 10% SILTSTONE - a/a.
5,720 - 5,730	20% SHALE - dkgy-blk, sft, fis, splty, mod calc. 80% LIMESTONE - lt-dkgy dkgn, frm, crpxln, micritic, no vis Ø, mod - v arg, NSFOC.
5,730 - 5,740	10% SHALE - blk, gen a/a. 80% LIMESTONE - ltgy - frm crpxln, gen a/a. 10% DOLOMITE - dkgygn, frm, crpxln, mod-v arg, dns, no vis Ø, NSFOC.
5,740 - 5,750	40% DOLOMITE - ltgy-gygn, frm, mcrsuc, sparry, sme p intxln Ø, sl arg, NSFOC. Tr ANHYDRITE - wh - clr, xln, NSFOC. 30% LIMESTONE - gen a/a. 30% SILTSTONE - a/a.
5,750 - 5,760	Sample gen a/a. Tr ANHYDRITE - wh - clr, sft, xln.
5,760 - 5,770	Tr ANHYDRITE - clr - wh, xln, sme mos.
5,770 - 5,780	80% DOLOMITE - lt - dkgy gybrn, sft - frm, crpxln, v arg, no vis Ø, NSFOC. 20% SILTSTONE - gen a/a.
5,780 - 5,790	No Sample.
5,790 - 5,800	80% SHALE - dkgy - blk, sft, sbfis, blky - splty, v calc, NSFOC. 20% SILTSTONE - rdbrn - orng dkbrn, sft, mod - v calc, NSFOC.

LITHOLOGY (CONTINUED)

5,800 - 5,810	90% SHALE - dkgy - blk, a/a (NSFOC). 10% SILTSTONE - a/a.
5,810 - 5,820	90% SHALE - dkgy-blk sme dkbrn, v sft, sb fis, splty - blky, v calc, NSFOC. 10% SILTSTONE - a/a.
5,820 - 5,830	50% LIMESTONE - lt-mgy, sft, crpxln, micrite, dns, no vis Ø, NSFOC. 50% SHALE - mgy-dkgy sme gygn brn, frm, sbfis, splty - blky, sl-mod calc, NSFOC.
5,830 - 5,840	Tr ANHYDRITE - clr-wh, mstly xln. 70% SILTSTONE/SHALE - rdbrn gygn, sft, mod calc. 30% LIMESTONE - ltgy, frm, crpxln, sparry, sme mcrsuc, sl arg, no vis Ø.
5,840 - 5,850	60% LIMESTONE - mgy, frm, crpxln, mod- v arg, no vis Ø, NSFOC. 30% SILTSTONE/SHALE gen a/a. Tr ANHYDRITE - clr - wh, sft, xln.
5,850 - 5,860	70% LIMESTONE/DOLOMITE-a/a sme mcrsuc s/ p pnpt Ø NSFOC. 30% SILTSTONE/SHALE - mgy gn, sme brn, sft, mod calc.
5,860 - 5,870	80% a/a sme wh-ltgy, sft, mcrsuc, sme vf pnpt Ø, NSFOC. 20% SILTSTONE/SHALE - a/a.
5,870 - 5,880	Tr ANHYDRITE. 80% DOLOMITE - gen a/a. 20% SILTSTONE/SHALE - ltgn rd gy, sft, mod - sl calc, NSFOC.
5,880 - 5,890	5% SHALE - blk, sft, sbfis, splty, mod - v calc, NSFOC. 60% DOLOMITE - a/a (mgy, sft, crpxln sme vf sucrose, w/ sl pnpt Ø, mod arg, limey vf pcs w/ sl lt gn flor. 35% SILTSTONE - a/a.
5,890 - 5,900	50% SILTSTONE/SHALE - brn-rdbrn ltgrn, sft, mod-v calc, NSFOC. 50% DOLOMITE - lt-mgy sme tan, sft, (vf pcs), vf mcrsuc, sl arg, sme sl pnpt Ø, limey, vf pcs w/ lt gn flor.
5,900 - 5,910	5% SHALE - blk, sft, fis, plty, mod-v calc, NSFOC. 60% - SILTSTONE - orng brn lt gn, sft, mod calc sme sndy. 5% LIMESTONE - ltgy - wh mgy, sft, crpxln sme vf suc w/ p pnpt Ø, NSFOC. dolic in pt. 30% DOLOMITE - gen a/a (NSFOC).

LITHOLOGY (CONTINUED)

5,910 - 5,920	30% LIMESTONE - ltgy-wh, sft, crpxln, sparry, arg, no vis Ø, NSFOC dolic. 70% SILTSTONE - gen a/a. Tr DOLOMITE - a/a and Sh a/a.
5,920 - 5,930	Tr ANHYDRITE - clr-wh, sft, xln, NSFOC, sample gen a/a.
5,930 - 5,940	70% SILTSTONE - brn mgy orng, sft, mod calc. 30% LIMESTONE - lt-mgy wh, crpxln, sparry, sl arg, no vis Ø, NSFOC, dolic m pt.
5,940 - 5,950	80% SILTSTONE - mgy brn sm ltgy gn orng, sft, mod calc, NSFOC. 20% LIMESTONE - lt-mgy, sft-frm, crpxln, micrite - sparite, NSFOC.
5,950 - 5,960	90% SILTSTONE - rdbrn orng ltgygn, sft, mod -v calc, NSFOC. 10% LIMESTONE - lt-mgy gen a/a (NSFOC).
5,960 - 5,970	10% SALT - clr, ang, brit, not nacl possibly mgcl, cacl? Tr SHALE - blk, frm, fis, splty. 90% SILTSTONE - rdbrn orng sme mgy gn, sft, mod-v calc NSFOC.

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☐ other Dry hole
2. NAME OF OPERATOR: Davis Oil Co.
3. ADDRESS OF OPERATOR: 410 17th. St., Denver, Co. 80202
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
   AT SURFACE: NWSW Sec. 14 T38S R24E
   AT TOP PROD. INTERVAL: 820' FWL 2140' FSL
   AT TOTAL DEPTH: At proposed production zone
5. LEASE: U-44820
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Montezuma Creek Federal
9. WELL NO. 1
10. FIELD OR WILDCAT NAME: Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 14 T38S R24E
12. COUNTY OR PARISH: San Juan
13. STATE: Utah
14. API NO.:
15. ELEVATIONS (SHOW DF, KDB, AND WD): 5050' GL 5062' KB

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☒
(other)		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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 well at 8 A.M. on 8-19-81
Drilled and set 1800' 9 5/8" 36# Surface and cemented to surface.
Drilled 8 3/4" to 6007'
Plugged as follows:

1.	5,979 - 5,879	100 sks.
2.	4,100 - 4,000	75 sks.
3.	2,750 - 2,650	75 sks.
4.	1,850 to 1,750	75 sks.
5.	50' to surface	50 sks.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 8-28-81
BY: [illegible]

Dry hole marker installed and location cleaned up.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

APPROVED BY C. E. Powell TITLE Asst Dist Supt DATE 7/22/83
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side