

DAVIS OIL COMPANY

410 — 17TH STREET, SUITE 1400
DENVER, COLORADO 80202-4472
TELEPHONE: 303-623-1000



NEW ORLEANS
HOUSTON
TULSA

March 8, 1983

MMS
P.O. Box 3524
Durango, CO 81301

RE: #1 White Mesa Federal
NWNW Sec. 8, T38S, R22E
San Juan County, Utah

Gentlemen:

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 Ed Cox, Barry Cox, Trexco & Raymond Duncan will be forthcoming. By carbon copy of this letter to The State of Utah, we are furnishing them with a copy of our application and plat.

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

Very truly yours,

DAVIS OIL COMPANY

Michelle Hiller
Executive Secretary

RECEIVED
MAR 18 1983

DIVISION OF
OIL, GAS & MINING

/mh
Enclosures

cc: State of Utah - Division of
Oil, Gas & Mining

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 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 NWNW Sec. 8, T38S, R22E
 At proposed prod. zone 500' FNL, 820' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 10 miles northeast to Blanding, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 600' north

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, 660' FNL, OR APPLIED FOR, ON THIS LEASE, FT. 660' FWL - twin well

19. PROPOSED DEPTH 6500'

21. ELEVATIONS (Show whether DF, RT, GR, etc.) by Sun - dry hole
 5440' GR est., 5453' KB Est.

5. LEASE DESIGNATION AND SERIAL NO.
 U-15042

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 White Mesa Federal

9. WELL NO.
 #1

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 8, T38S, R22E

12. COUNTY OR PARISH San Juan 13. STATE Utah

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# K-55	STC(NEW)	0-500' 200 sxs. est.
8 3/4"	5 1/2"	15.5# K-55	LTC(NEW)	0-6500' 350 sxs. est.

CONDUCTOR: 30 ft. 21 in. cement with 3 yards Redi mix.

(SEE TEN POINT PROGRAM)

APPROVED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING
 DATE: 3-19-83
 BY: *[Signature]*

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 TITLE Chief Geologist DATE 3/8/83

(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 WHITE MESA - FEDERAL WELL No. 1

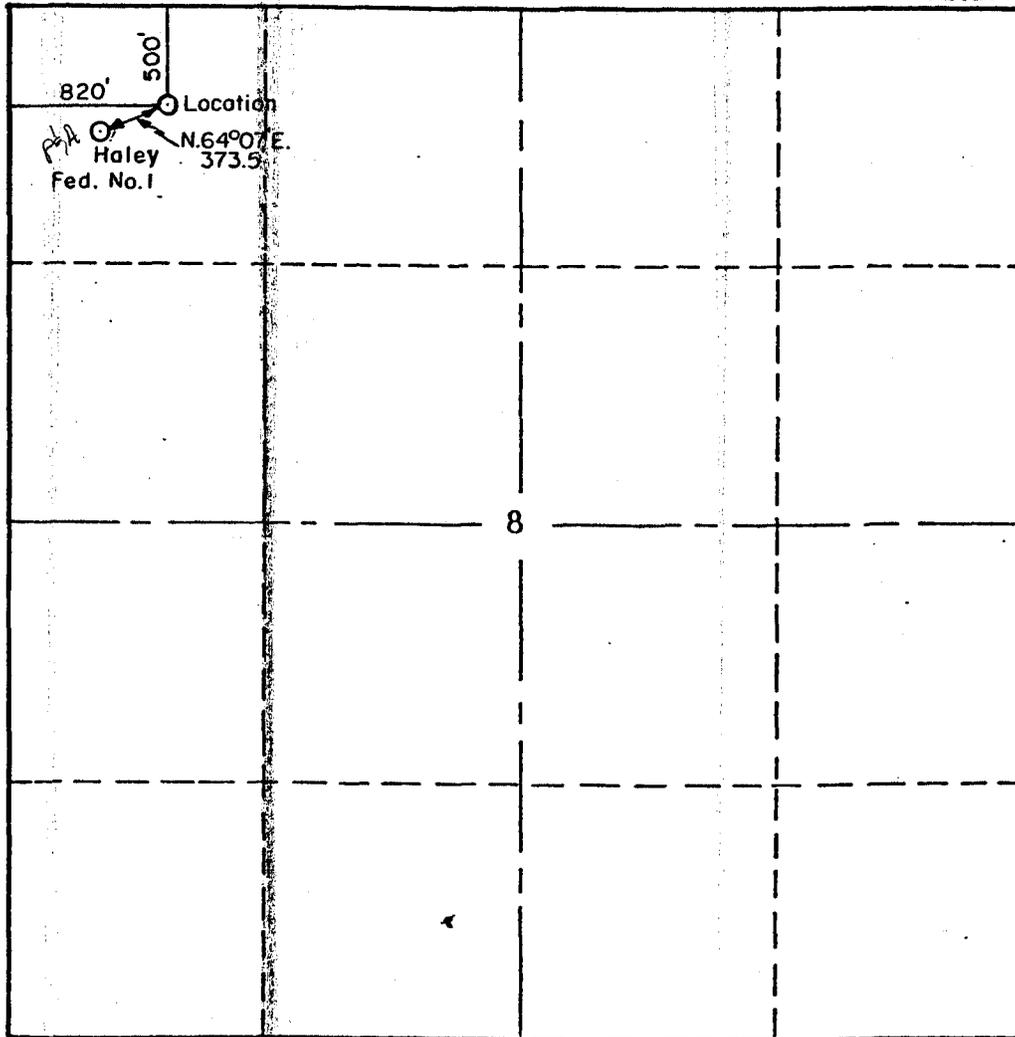
SECTION 8 T.38 S., R. 22 E., S.L.B.&M.

LOCATION 500 feet from the north line
820 feet from the west line

ELEVATION 5440. (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: March 11, 1983

KROEGER ENGINEERING COMPANY

By: Allison L. Kroeger
Allison L. Kroeger, RLS.
Utah Reg. No. 6159

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAR 18 1983
SALT LAKE CITY, UTAH

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK
 b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
DAVIS OIL COMPANY

3. ADDRESS OF OPERATOR
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 At surface NWNW Sec. 8, T38S, R22E
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(SEE TEN POINT PROGRAM)

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24. SIGNED Ed Lafaye TITLE Chief Geologist DATE 3/8/83

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY [Signature] E. W. Guynn
 TITLE District Oil & Gas Supervisor DATE APR 13 1983

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

State 046

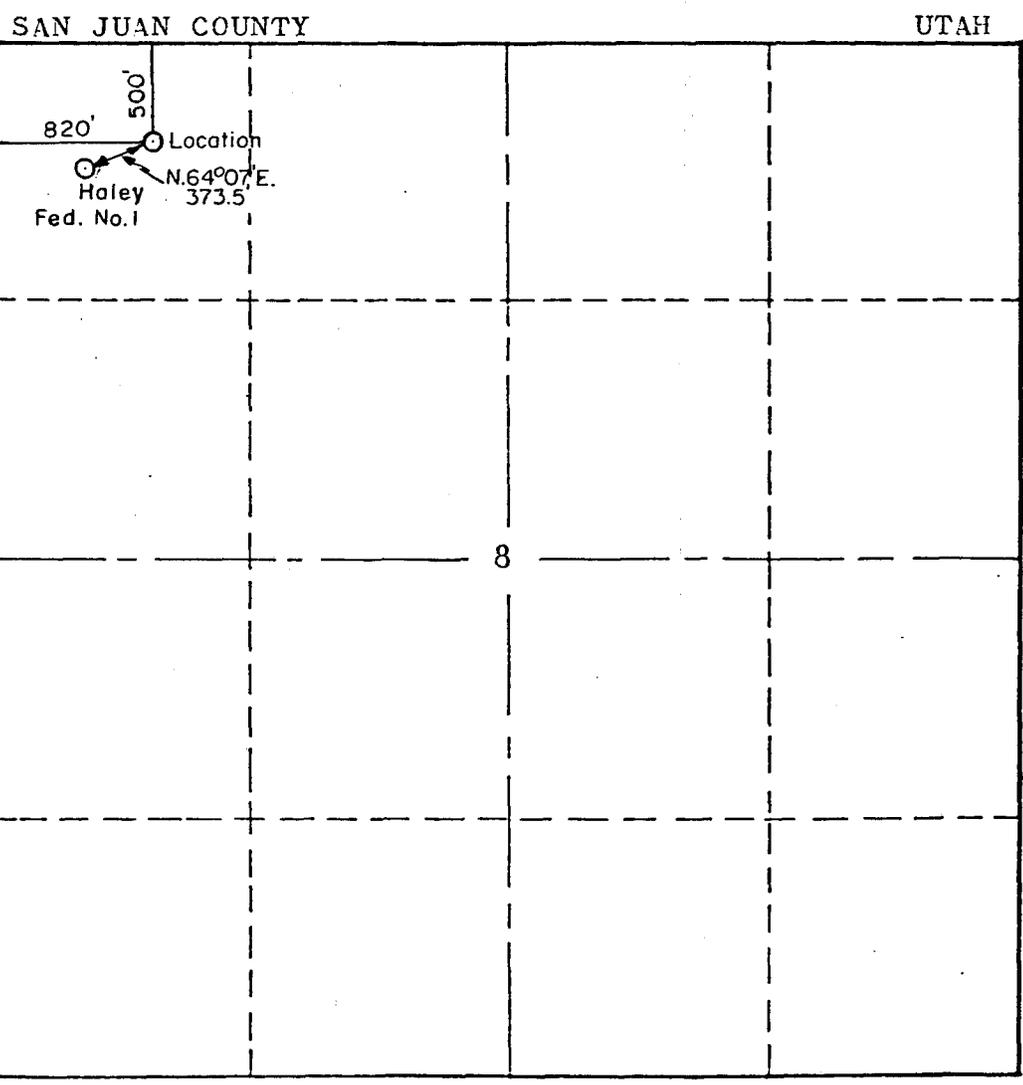
COMPANY DAVIS OIL COMPANY

LEASE WHITE MESA - FEDERAL WELL No. 1

SECTION 8 T. 38 S., R. 22 E., S.L.B.&M.

LOCATION 500 feet from the north line
820 feet from the west line

ELEVATION 5440 (Ungraded)
USGS Datum



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: March 11, 1983

KROEGER ENGINEERING COMPANY
By: Allison L. Kroeger
Allison L. Kroeger, RLS
Utah Reg. No. 6159

Davis Oil Company
Well No. 1
Section 8, T. 38 S., R. 22 E.
San Juan County, Utah
Lease U-15042A

Supplemental Stipulations

- 1) If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the San Juan Resource Area Office will be contacted. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
- 2) Water bars will be built as follows to control erosion if the well is a dry hole.

<u>Grade</u>	<u>Spacing</u>
2%	Every 200 feet
2-4%	Every 100 feet
4-5%	Every 75 feet
5+%	Every 50 feet

- 3) The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed as described in the reclamation section. Enough topsoil will be kept to reclaim the remainder of the location at a future date. This remaining stockpile of topsoil will be seeded in place using the prescribed seed mixture.
- 4) Adequate and sufficient electric/radioactive logs will be run to locate and identify the saline minerals in the Hermosa formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the saline minerals resource. Surface casing program may require adjustment for protection of fresh water aquifers.

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

- (1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- (2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.
- (3) All disturbed areas not required for operations will be rehabilitated.
- (4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.
- (5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.
- (6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.
- (7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.
- (8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.
- (9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.
- (10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.
- (11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.
- (12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

TEN POINT PROGRAM

1) SURFACE FORMATION: Dakota

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

Dakota	surface	sandstone
Chinle	2325'	sandstone
Organ Rock	3460'	sandstone
Cedar Mesa	4030'	sandstone
Hermosa	5200'	limestone, sandstone, shale, water, oil, gas
Upper Ismay	6115'	limestone, dolomite, water, oil, gas
Lower Ismay	6255'	limestone, dolomite, water, oil, gas
Desert Creek	6345'	limestone, dolomite, water, oil, gas
Salt	6468'	
Total Depth	6500'	

4) CASING PROGRAM:

12 1/4", 9 5/8" 36# K-55 STC(NEW) 0-500' 200 sxs. est.
8 3/4", 5 1/2" 15.5# K-55 LTC(NEW) 0-6500' 350 sxs. est.
CONDUCTOR: 30 ft. 21 in. cement with 3 yds. Redi mix.

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 rated working pressure. BOP's will be pressure tested at least once every 30 days.

6) MUD PROGRAM:

0-500' fresh water spud mud 8.5 ppg
500-6500' LSND Maximum mud weight 8.5-9 ppg
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 - from base of surface casing to TD.
Sonic with Caliper - GR - from base of surface casing to TD.
CORING: FDC-CNL-GR - from 5000' to TD.

NONE

8) Continued -

TESTING:

1 DST Desert Creek

STIMULATION:

Desert Creek Formation - acidize with 3000 gallons HCL acid.

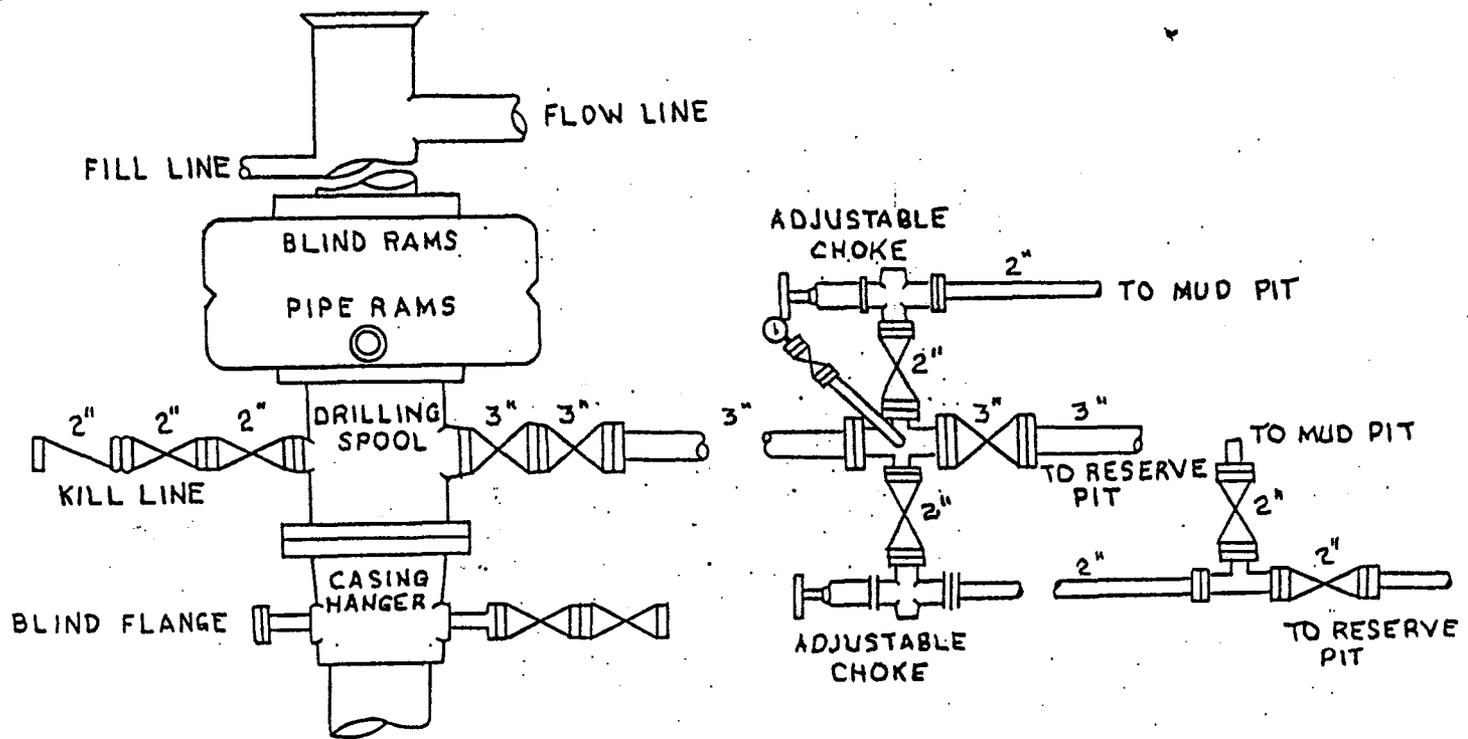
PLANNED COMPLETION & STIMULATING PROCEDURES: (Ex. proposed completion zone, acidizing, and fracturing programs):

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: 2000 PSI.
ESTIMATED MAXIMUM SURFACE PRESSURE: 100 PSI.

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

DURATION OF OPERATION: 30-60 Days.



DAVIS OIL COMPANY

ARAPAHOE RIG

BLOW-OUT PREVENTION SYSTEM

12" 900 SERIES SHAFFER TYPE 48

3000 LBS. WP

OPERATOR DAVIS OIL CO

DATE 3-19-85

WELL NAME WHITE MESA FED # 1

SEC NW NW 8 T 38S R 22E COUNTY SAN JUAN

43-037-30873
API NUMBER

FED
TYPE OF LEASE

POSTING CHECK OFF:

INDEX

HL

NID

PI

MAP

PROCESSING COMMENTS:

40 oil wells within 1000'

PJF

APPROVAL LETTER:

SPACING:

A-3

UNIT

c-3-a

CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *FLD*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER NO

UNIT NO

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

March 19, 1983

Davis Oil Company
410 - 17th Street, suite 1400
Denver, Colorado 80202

RE: Well No. White Mesa Fed. #1
NWNW Sec. 8, T.38S, R.22E
500' FNL, 820' FWL
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3(b), 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:

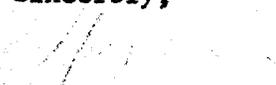
RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) 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 43-037-30873.

Sincerely,


Norman C. Stout
Administrative Assistant

NCS/as
cc: Oil & Gas Operations
Enclosure

NOTICE OF SPUD

Company: Davis

Caller: Charlie Powell

Phone: _____

Well Number: #1

Location: NW NW 8-38S-27E

County: San Juan State: Utah

Lease Number: U-15042A

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 4-22-83 6:00 p.m.

~~Dry Hole Spudded~~ Rotary: Rotary

Details of Spud (Hole, Casing, Cement, etc.) 12 1/4"

Rotary Rig Name & Number: Bayless #1

Approximate Date Rotary Moves In: _____

FOLLOW WITH SUNDRY NOTICE

Call Received By: Kr

Date: 4-25-83

RECEIVED
APR 26 1983
DIVISION OF
OIL, GAS & MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Davis Oil Company

WELL NAME: White Mesa Fed. #1

SECTION NWNW 8 TOWNSHIP 38S RANGE 22E COUNTY San Juan

DRILLING CONTRACTOR Bayless

RIG # 1

SPUDDED: DATE 4-22-83

TIME 12:00 Noon

HOW Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Harvey Duchesne

TELEPHONE # 303-623-1000

DATE 4-22-83 SIGNED AS

SHADED AREAS FOR ACCOUNTING USE ONLY



THE WESTERN COMPANY
OF NORTH AMERICA

FIELD RECEIPT NO. **L 659530**

CUSTOMER (COMPANY NAME) <i>Davis Oil</i>		CREDIT APPROVAL NO.	PURCHASE ORDER NO.
MAIL	STREET OR BOX NUMBER	CITY	STATE ZIP CODE
INVOICE TO:			
DATE WORK PERFORMED: <i>5/7/83</i>	MO. DAY YEAR	WESTERN SERVICE ENGINEER <i>Bubba Phelps</i>	WELL TYPE: (CHECK ONE) NEW <input checked="" type="checkbox"/> OLD <input type="checkbox"/>
WESTERN DISTRICT <i>GRAND JUNCTION</i>	DISTRICT SALES AREA	WELL CLASS: (CHECK ONE) OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> DISPOSAL <input type="checkbox"/> INJECTION <input type="checkbox"/>	RIG TYPE: (CHECK ONE) DRILLING <input checked="" type="checkbox"/> NO RIG <input type="checkbox"/> WORKOVER <input type="checkbox"/>
WELL NAME AND NUMBER <i>White Mesa #1</i>	TD WELL DEPTH (FT.) <i>6479</i>	GAS USED ON JOB: (CHECK ONE) N ₂ <input type="checkbox"/> CO ₂ <input type="checkbox"/> NONE <input checked="" type="checkbox"/>	
WELL LOCATION:	SEC/TWP/RGE	COUNTY	STATE
		<i>SAN JUAN</i>	<i>CO</i>

UNITS	CODE	DEPTH AND DESCRIPTION	UNIT PRICE	AMOUNT
100.0	K100-3	MILEAGE CHARGE	2.45	245.00
1.0	K244-3	Pump Charge 6479	1855.00	1855.00
500.0	M100-3	SERVICE CHARGE Total for 3	1.03	515.00
2350.0	M230-3	DELIVERY CHARGE TONS x MILES	.85	1997.50
	P1035	CLASS H NEAT TONS (17000)	2.65	3825.00
		EST COST		8937.50
<p>Thanks</p> <p>Bubba + Crew</p>				

JOB TYPE CODE: **116**

CUSTOMER REP. LAST NAME

Combs

CEMENTING SERVICES

- 10. CONDUCTOR
- 11. SURFACE
- 12. INTERMEDIATE
- 13. LONG
- 14. LINER
- 15. TIEBACK
- 16. PLUG & ABANDON
- 17. PLUG BACK
- 18. SQUEEZE
- 19. PUMPING (CEMENT)
- 20. BULK SALE (CEMENT)

STIMULATION SERVICES

- 30. ACID, MATRIX
- 31. ACID, FRACTURE
- 32. FRACTURE, 0-9,999 psi
- 33. FRACTURE, 10,000 + psi
- 34. PUMPING (STIM)
- 35. BULK SALE (STIM)

OTHER SERVICES

- 40. SAND CONTROL
- 41. PUMPING (NITROGEN)

SEE REVERSE FOR GENERAL TERMS AND CONDITIONS

BY SIGNING THIS RECEIPT, CUSTOMER ACKNOWLEDGES THAT HE HAS READ, IS FAMILIAR WITH, AND ACCEPTS ALL TERMS AND CONDITIONS OF SALE INCLUDING THOSE ON REVERSE AND THOSE PROVIDED WITH PRICE LIST.

CUSTOMER SIGNATURE

[Signature]
WESTERN APPROVAL
X

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

2. NAME OF OPERATOR
Davis Oil Co.

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
660 FNL 600 FWL
AT SURFACE: NW NW Sec. 8-T28S-R22E
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input checked="" type="checkbox"/>		<input type="checkbox"/>
(other)			

5. LEASE
U - 15042A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
White Mesa Fed.

9. WELL NO.
1

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NNW Sec. 8-T28S-R22E

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

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

(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.)*

4-22-83 Spudded well at 6:00 P.M. Drilled 12 1/2" hole

4-23-83 Set 9 5/8", 36#, K-55 casing at 587', cemented to surface with 365 sacks of class C cement with 3% CAC/2.

5-7-83 Drilled 8 3/4" hole to 6479'

5-8-83 Set cement plugs at following depths:

6479' - 6000'	250 sacks class H cement
3800' - 2400'	85 sacks class H cement
2200' - 2000'	85 sacks class H cement
700' - 500'	85 sacks class H cement
24' - surface	10 sacks class H cement

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: _____
BY: _____

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

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

SIGNED C. E. Powell TITLE Asst. Dist. Supt. DATE May 11, 1983

(This space for Federal or State office use)

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

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.)

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Davis Oil Co.

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Suite 1400, Denver, Co. 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
660 FNL 600 FWL
AT SURFACE: NW NW Sec. 8-T28S-R22E
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input checked="" type="checkbox"/>
(other)			

5. LEASE
U - 15042A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
White Mesa Fed.

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

NWN Sec. 8-T28S-R22E

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

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15. ELEVATIONS (SHOW DF, KDB, AND WD)

(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.)*

4-22-83 Spudded well at 6:00 P.M. Drilled 12 1/2" hole
4-23-83 Set 9 5/8", 36#, K-55 casing at 587', cemented to surface with 365 sacks of class C cement with 3% CAC/2.
5-7-83 Drilled 8 3/4" hole to 6479'
5-8-83 Set cement plugs at following depths:
6479' - 6000' 250 sacks class H cement
3800' - 2400' 85 sacks class H cement
2200' - 2000' 85 sacks class H cement
700' - 500' 85 sacks class H cement
24' - surface 10 sacks class H cement

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**
DATE: 5/11/83
BY: [Signature]

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

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

SIGNED C. E. Powell TITLE Asst. Dist. Supt. DATE May 11, 1983

(This space for Federal or State office use)

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

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

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
U-15042

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

White Mesa Federal

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

8-38S-22E

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Davis Oil Company

3. ADDRESS OF OPERATOR

410 17th Street, Suite 1400 Denver, CO 80202

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

At surface

NWNW Sec. 8-T38S-R22E

14. PERMIT NO.

43-037-30873

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:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

PROGRESS REPORT

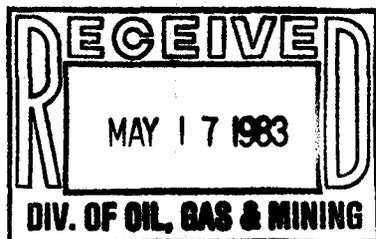
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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 4/22/83

4/27/83 - Drg. @ 3095'. Ran 12 jts. 9-5/8", 36#, K-55 csg. Set @ 587'. Ran 5 centralizers. Cemented w/365 sxs.

4/30/83 - Drg. @ 4830'.



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

SIGNED Annella Lighter

TITLE Production Services Mgr DATE _____

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:



DAVIS OIL COMPANY

410 — 17TH STREET, SUITE 1400
DENVER, COLORADO 80202

11

TRANSMITTAL

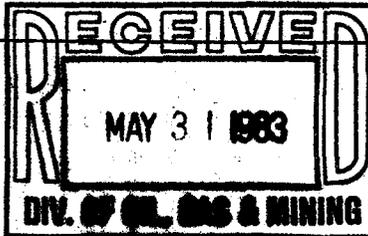
TO: State of Utah

DATE: 5/25/83

RE: WELL NAME: #1 White Mesa Fed

ENCLOSED PLEASE FIND THE FOLLOWING:

- 1. _____ copies of A.F.E. for _____
- 2. _____ copies of Survey Plan
- 3. _____ copies of Well Licence Application
- 4. _____ copies of Geological Prognosis and Drilling Program
- 5. _____ copies of Approved Well Licence
- 6. _____ copies of Field Prints of Logs
- 7. _____ copies of Final Prints of Logs
- 8. _____ copies of DST Charts/Reports
- 9. 4 copies of Drilling/Completion Report ✓
- 10. _____ copies of Fluid (gas, water, oil) Analysis
- 11. 2 copies of Geological Report ✓
- 12. _____ copies of Core Analysis/Description
- 13. 2 copies of Strip logs 3 ✓
- 14. _____ copies of _____
- 15. _____ copies of _____
- 16. _____
- 17. _____



REMARKS: Thank You!

RECEIVED BY: Lari Jurre DATE: 6-1-83

PLEASE ACKNOWLEDGE RECEIPT BY SIGNING AND RETURNING THE ENCLOSED COPY.

Contractor Bayless
 Rig No. --
 Spot NW-NW
 Sec. 8
 Twp. 38 S
 Rng. 22 E
 Field Wildcat
 County San Juan
 State Utah
 Elevation 5458 Ft. K.B.
 Formation Desert Creek

Top Choke 1"
 Bottom Choke 1"
 Size Hole 8 3/4"
 Size Rat Hole --
 Size & Wt. D. P. 4 1/2" XH 16.60
 Size Wt. Pipe --
 I. D. of D. C. 2 1/2"
 Length of D. C. 724 Ft.
 Total Depth 6480 Ft.
 Interval Tested 6389-6410 Ft.
 Type of Test Bottom Hole
Conventional

Flow No. 1 15 Min.
 Shut-in No. 1 30 Min.
 Flow No. 2 60 Min.
 Shut-in No. 2 120 Min.
 Flow No. 3 -- Min.
 Shut-in No. 3 -- Min.
 Bottom
 Hole Temp. --
 Mud Weight 9.2
 Gravity --
 Viscosity 35

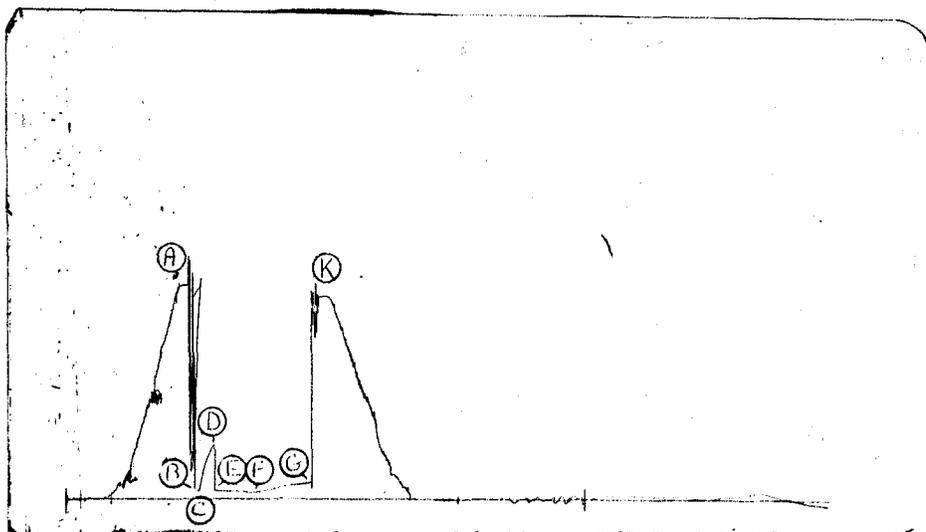
Tool opened @ 11:45 PM

Inside Recorder

PRD Make Kuster K-3
 No. 24521 Cap. 6625 @ 6365'

	Press	Corrected
Initial Hydrostatic	A	3044
Final Hydrostatic	K	2897
Initial Flow	B	157
Final Initial Flow	C	124
Initial Shut-in	D	782
Second Initial Flow	E	135
Second Final Flow	F	107
Second Shut-in	G	248
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Lynes Dist. Rock Springs, WY.
 Our Tester: Lance Sipma
 Witnessed By: Brad Boyce



Did Well Flow - Gas No Oil No Water No
 RECOVERY IN PIPE:

140 Ft. Total fluid = .69 bbl.
 140 Ft. Mud = .69 bbl.

Blow Description

1st Flow: Tool opened with a 1" underwater blow, increased to 3 1/2" in 5 minutes, decreased to 2" in 10 minutes and remained thru the flow period.

2nd Flow: Tool opened with a surface blow, decreased to nil in 20 minutes and remained dead thru the flow period.

Comments: The tool skidded 18 feet to the bottom prior to starting the test. This did not affect the test results.

Operator **David O'Neil Company**
 Address **410 17th Street, Ste. 1400**
Denver, Colorado 80202
 Well Name and No. **# 1 White Mesa Federal**
 Ticket No. **04153**
 Date **5/4/83**
 No. Final Copies **20**
 DST No. **1**

LYNES, INC.

Sampler Report

Company Davis Oil Company Date 5/4/83
Well Name & No. # 1 White Mesa Federal Ticket No. 04153
County San Juan State Utah
Test Interval 6389-6410 Ft. DST No. 1

Total Volume of Sampler: 2150 cc.
Total Volume of Sample: 2100 cc.
Pressure in Sampler: 55 psig
Oil: None cc.
Water: None cc.
Mud: 2100 cc.
Gas: Trace cu. ft.
Other: --

Sample R.W.: 1.4 @ 75°F = 4,000 ppm. cl.

Resistivity

Make Up Water -- @ -- Salinity Content -- ppm.
Mud Pit Sample 1.0 @ 70°F Salinity Content 6,000 ppm.
Gas/Oil Ratio -- Gravity -- °API @ -- °F

Where was sample drained On location.

Remarks: Recovery:

Top Sample R.W.: 1.5 @ 70°F = 4,000 ppm. Na Cl.

Middle Sample R.W.: 1.4 @ 75°F = 4,000 ppm. Na Cl.

Bottom Sample R.W.: 1.4 @ 75°F = 4,000 ppm. Na Cl.

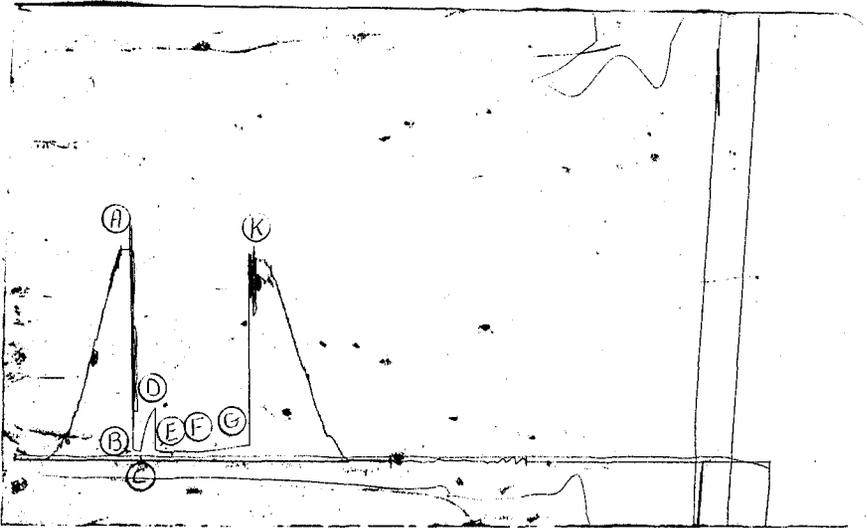
AVIS OIL COMPANY
DST#: 1
1 WHITE MESA FEDERAL
6389-6410

PRESSURE RECORDER NUMBER : 23883

DEPTH : 6370.00ft. LOCATION : INSIDE
TYPE : K-3 CAPACITY : 6800.00 PSI

PRESSURE
PSI

A)Initial Hydro : 3017.0
B)1st Flow Start: 161.0
C)1st Flow End : 124.0
D)END 1st Shutin: 749.0
E)2nd Flow Start: 153.0
F)2nd Flow End : 116.0
G)END 2nd Shutin: 226.0
K)Final Hydro. : 2910.0



TEST TIMES(MIN)
1st FLOW : 15
SHUTIN:120
2nd FLOW : 60
SHUTIN:120



A GEOSCIENCE EXTENSION OF XCO

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

DAVIS OIL COMPANY
WHITE MESA FEDERAL #1
600' FNL, 600' FWL
SECTION 8 - T38S - R22E
SAN JUAN COUNTY, UTAH

GEOLOGIST: Brad Boyce
GX Consultants

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RESUME

OPERATOR: Davis Oil Company
WELL NAME & NUMBER: White Mesa Federal #1
LOCATION: 600' FNL, 600' FWL
Section 8 - T38S - R22E
COUNTY & STATE: San Juan County, Utah
SPUD DATE: April 22, 1983
COMPLETION DATE (TD): May 6, 1983
ELEVATIONS: 5,445' GL 5,458' KB
TOTAL DEPTH: 6,479' DRLR 6,471' LOGS
CONTRACTOR: Bayless
RIG: #1
TYPE RIG: Ideco Rambler Double
PUMPS: Omega D-750
Omega D-750
GEOLOGIST: Bradford C. Boyce, GX Consultants
ENGINEER: Leo Lewis
TOOL PUSHER: Guy Easley
TYPE DRILLING MUD: Water/Low Solids Non Dispersed
MUD COMPANY: Magcobar
MUD ENGINEER: Gary Flucky
HOLE SIZES: 12 $\frac{1}{4}$ " 0-582'
8-3/4" 582'-6,479'
CASING: 9-5/8" K-55 36# 0-582'
MUD LOGGING BY: Tooke Engineering
TYPE UNIT: Two-Man Hotwire-Chromatograph
CORE INTERVALS: None
DST DEPTHS: DST #1: 6,389'-6,410'
DST COMPANY: Lynes, Inc.
ELECTRIC LOGS BY: Schlumberger
TYPE LOGS RUN: DIL-GR (Csg - 6,471')
FDC-CNL-GR (4,450'-6,471')
Sonic (Csg - 6,471')
LOGGING ENGINEER: Tom Link
BOTTOM FORMATION: Paradox Salt
WELL STATUS: Plugged & Abandoned

SUMMARY AND CONCLUSIONS

Davis Oil Company's White Mesa Federal #1, in San Juan County, Utah, was drilled to a total depth of 6,479' (-1,021'). The well was spudded in the Lower Cretaceous Dakota sandstone and reached total depth in the Pennsylvanian Paradox Salt.

The primary objective was to test the algal mound of the Desert Creek cycle, which has proved productive in numerous areas of the Paradox Basin. Secondary objectives were possible oil and gas traps in the Lower Honaker Trail member and the Ismay cycles above the Desert Creek.

The Hermosa formation was topped at 5,203' (+255'), 3' low to the prognosis. No substantial gas or oil shows were logged in this formation. Small amounts of gas were recorded from the lower dark shales within this formation, but none of production potential.

The upper Ismay was topped at 6,115', even with the prognosis. A 50 unit gas kick was logged and samples displayed a small amount of fluorescence and cut. The limestone contained no visible porosity and logs indicated the same.

The lower Ismay was drilled at 6,248', 7' high to the prognosis. A 100 unit gas kick was recorded at the very top with traces of fluorescence in the samples. The zone was thin and production potential is very low.

The Gothic Shale was drilled into at 6,290' and minor gases were recorded from the carbonaceous shales.

The primary objective, Desert Creek cycle, was topped at 6,338', 7' high to the prognosis. The zone was drilled to 6,410' and it was then decided to test the lower section of the Desert Creek. The show was minor and samples indicated little or no porosity. Fluorescence was minimum with no cut.

The test recovered 140' of mud with no hydrocarbon indications. It is questionable as to the validity of the test. The test tool was slid the final 16 feet into place. This caused the tool to open and close a number of times and also added pressure to the zone. It was also felt there was substantial fill in the bottom of the hole, thus complicating the problem further. Charts indicated a good mechanical test, with the zone being very tight.

The test tool was pulled and drilling continued. The Paradox Salt was topped at 6,474', 6' low to the prognosis, and drilling halted 5' into the salt.

Electric logs were run by Schlumberger and immediately wired to Denver, where, after examination, it was decided to plug and abandon the White Mesa Federal #1.

FORMATION TOPS

<u>Formation</u>	<u>Prognosis</u>	<u>Haley Federal</u>	<u>White Mesa Federal</u>
Hermosa	5,200	5,200	5,203
U. Ismay	6,115	6,115	6,115
L. Ismay	6,255	6,255	6,248
Gothic Shale	--	6,296	6,288
Desert Creek	6,345	6,345	6,338
Paradox Salt	6,468	6,468	6,474

DAILY CHRONOLOGY

<u>1983</u> <u>DATE</u>	<u>7:00AM</u> <u>DEPTH</u>	<u>24 HOUR</u> <u>FOOTAGE</u>	<u>COMMENTS</u>
4/27	3,125	---	Drlg steady, no problems.
4/28	3,775	650	Drlg steady, TOH for Bit #5, good trip, drlg steady, no problems.
4/29	4,250	475	Drlg steady til 10:30pm 4/28/83, TOH for Bit #6, good trip, back to drilling @ 3:00am 4/28/83.
4/30	4,831	581	Drlg steady, no problems.
5/1	5,312	481	Drlg steady, no problems.
5/2	5,764	452	Drlg steady, no problems.
5/3	6,069	305	Drlg steady, TOH for Bit #7 @ 1:30am, 5/3/83, TIH.
5/4	6,364	295	Finished TIH @ 8:20am 5/3/83, drlg steady.
5/5	6,410	46	Drlg steady till 9:45am 5/4/83, decision to test Desert Creek, circ til 2:00pm, short trip, circ til 5:00pm, TOH for tester, RIH w/test tool, run test, trip out of hole, on bank @ 7:00am 5/5/83.
5/6	6,479	69	TIH and continue drilling, tagged salt and circ for loggers, short trip, loggers on location @ 2:00am 5/6/83, running in hole with first tool @ 3:30am, finish logging @ 10:15am 5/6/83, wait on orders.

DRILL STEM TEST #1

Formation: Desert Creek
Interval: 6,389' to 6,410'
Reason for Test: Show in Desert Creek
Type Test: Conventional off bottom
Testing Company: Lynes, Inc.
Tester: Lance Sipma
Water Cushion: None
IF 15 Minutes: Opened with 1" blow, increased to 4" after 1 minute,
3-1/2" - 2 minutes, 2" - 10 minutes, 2" - 10 minutes.
ISI 30 Minutes: --
FF 60 Minutes: 1" - 10 minutes, surface blow after 30 minutes, blow
died after 55 minutes.
FSI 120 Minutes: No blow.
Recovery: 140' mud
Bottom Hole Sampler: Pressure - 55 lbs.
Recovery - 2100 cc mud
Resistivity Data: Drill Pipe Recovery:
Top: 1.5 @ 70° 4,000 PPM Cl
Middle: 1.4 @ 75° 4,000 PPM Cl
Bottom: 1.4 @ 75° 4,000 PPM Cl
Sampler: 1.4 @ 75° 4,000 PPM Cl
Mud Pit: 1.0 @ 70° 4,000 PPM Cl
Pressures: Top Chart (6365) Bottom Chart (6370)
IH: 3039 IH: 3032
IF: 124 to 94 IF: 118 to 87
ISI: 796 ISI: 785
FF: 105 to 88 FF: 110 to 84
FSI: 223 FSI: 785
FH: 2928 FH: 2830
Top Choke: 1/4" Bottom Choke: 1"
Bottom Hole Temperature: 126°F
Additional Remarks: Tool slid approximately 18' into place.
Possible fill and hole tightness caused the slip.

TIME LOGGER ON BTM.: 0330

MAX. REC. TEMP: 12.0 DEGF

LOGGING UNIT NO: 8206
LOGGING UNIT LOC: FARMINGTON
RECORDED BY: T. LINK
WITNESSED BY: B. BOYCE

REMARKS:

CREW: B. COLLETTE L. HALL

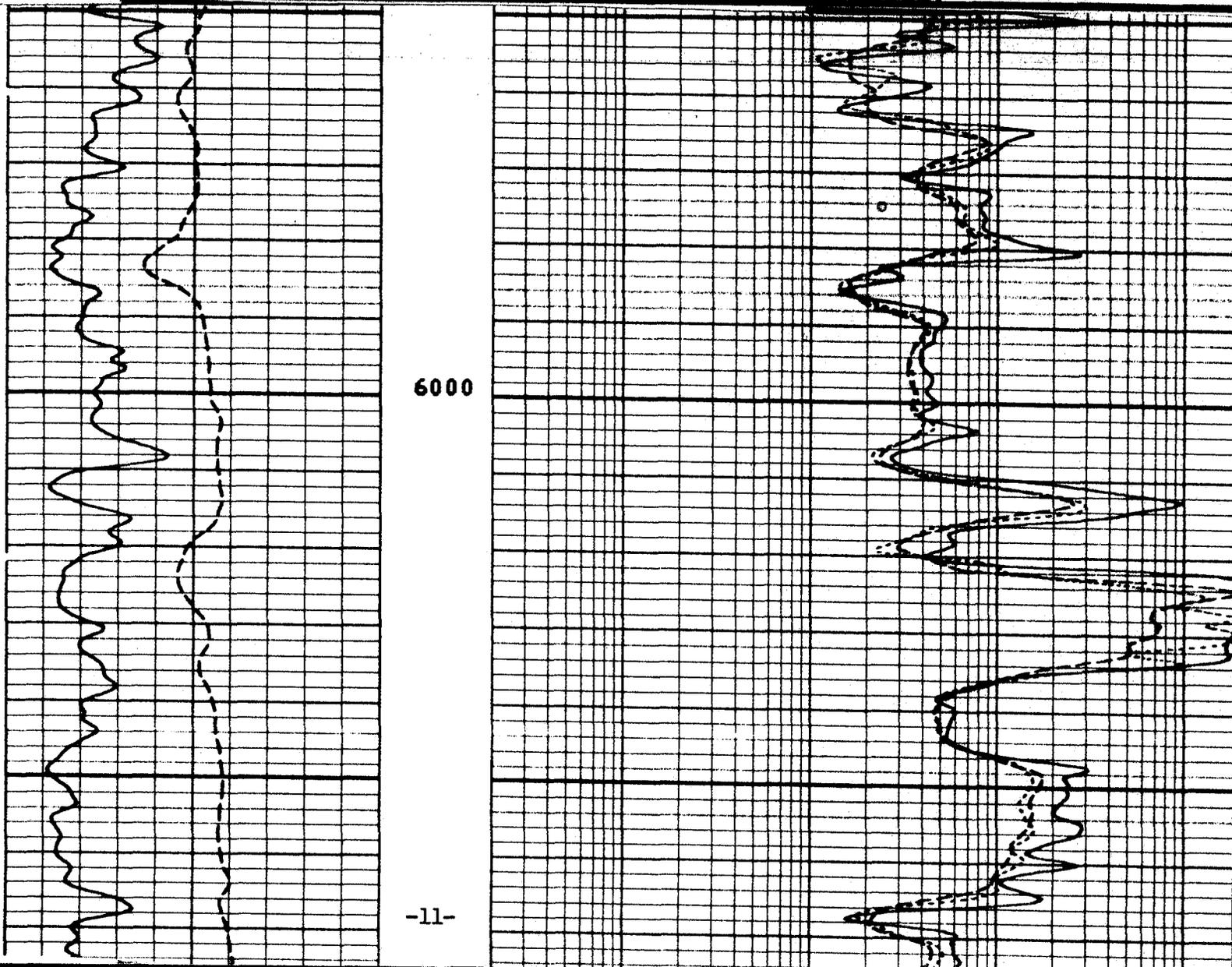
EQUIPMENT NUMBERS-

SGC 2073

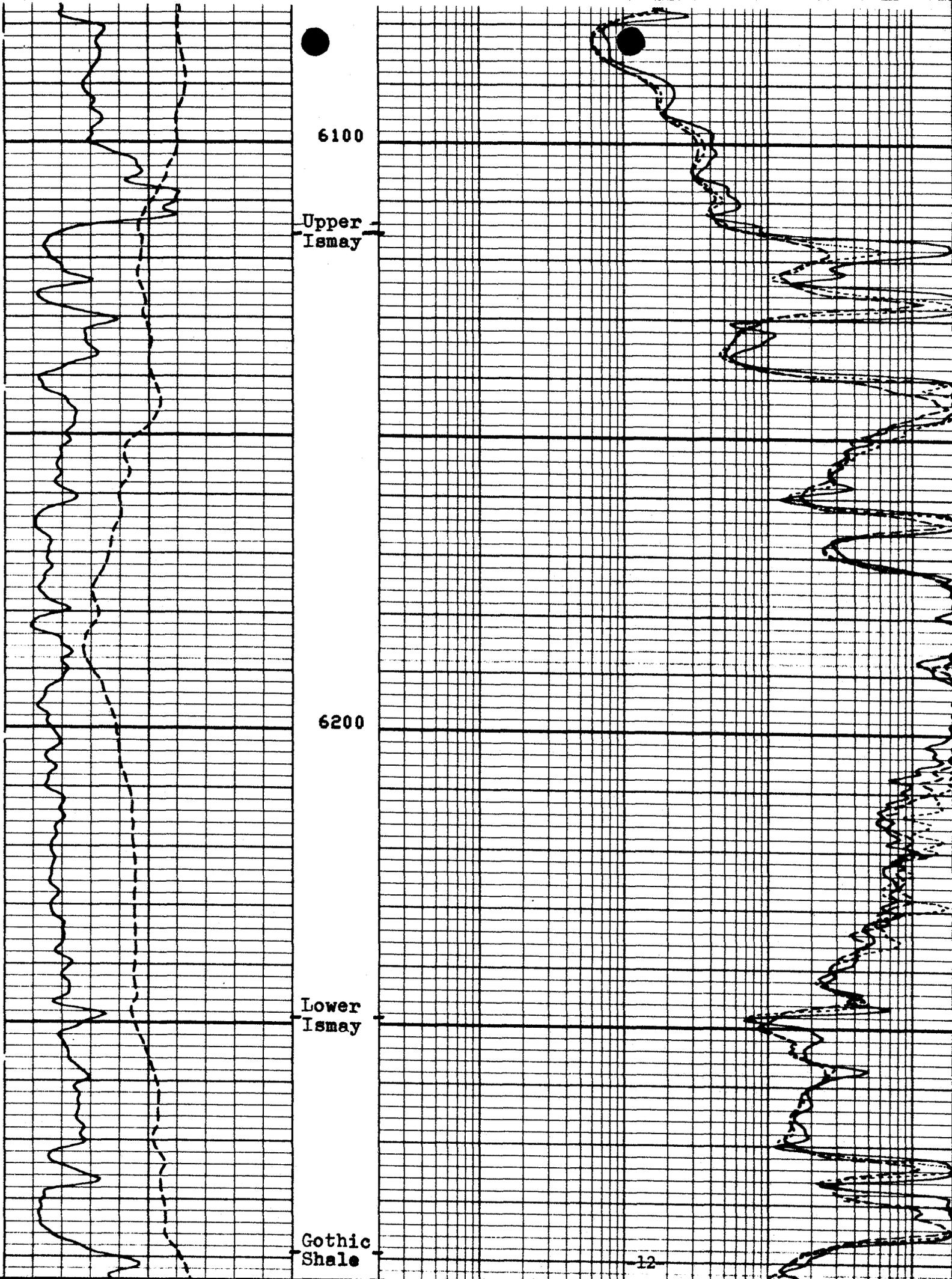
DIS 378

DIC 228

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS, OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.



6000



6100

Upper
Ismay

6200

Lower
Ismay

Gothic
Shale

6300

Desert
Creek

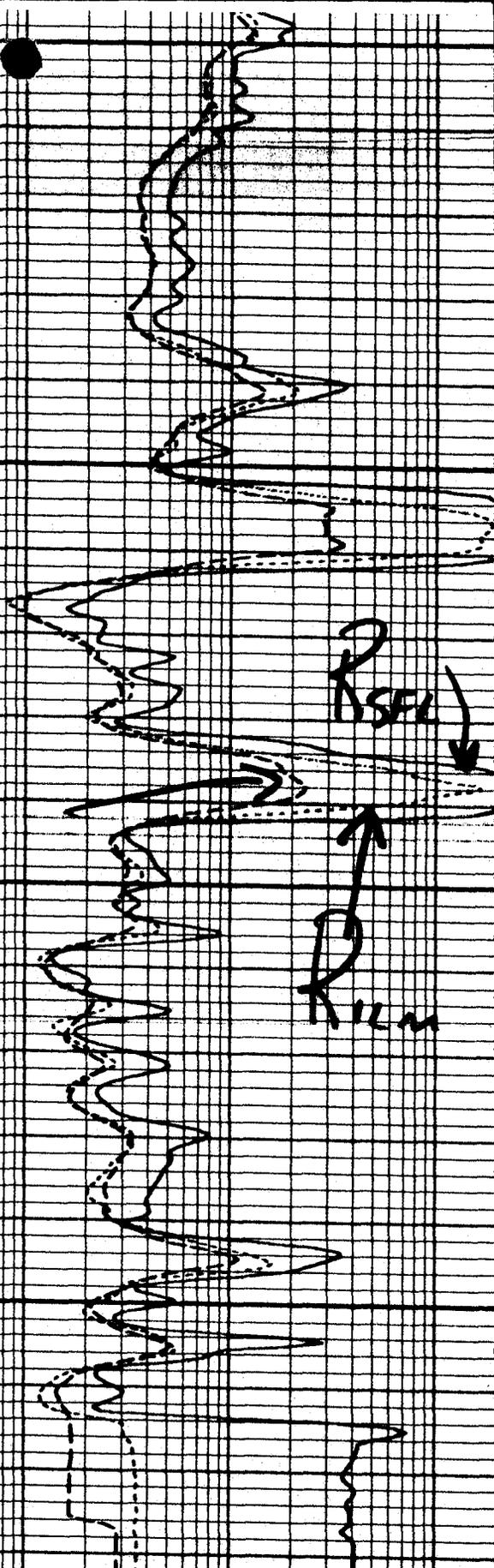
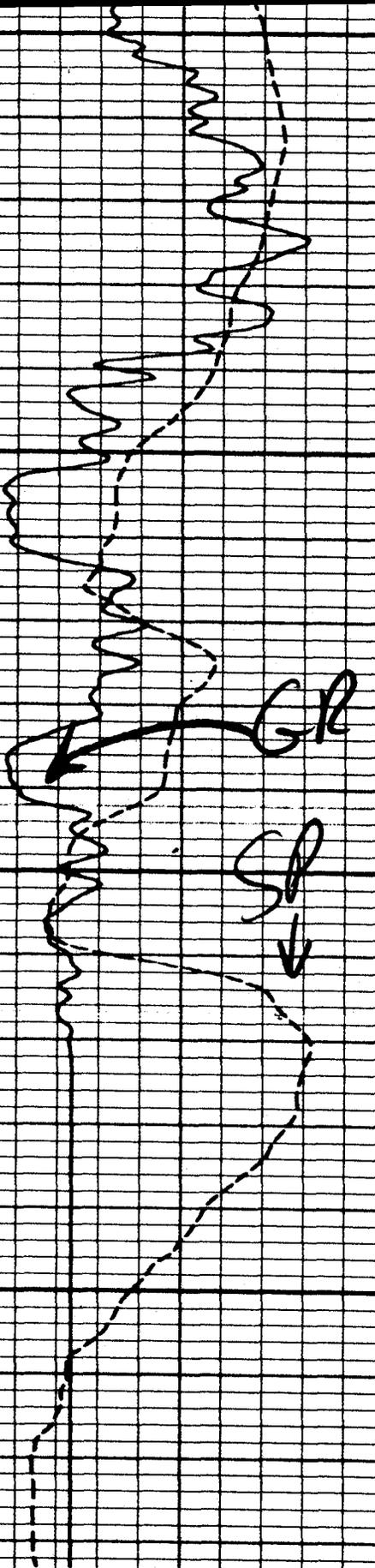
6400

GRFR

ILD FR
SPL ILM FR
SFR

TD
6471
FILE

4



0.0	GR (GAPI)	200.00
-----	-----------	--------

-13-

0.2000	ILD (QMM)	2000.0
0.2000	ILM (QMM)	2000.0

LITHOLOGY

- 3,500-3,530 100% SHALE - gy-gybrn, gygn, rdbrn, brn, sft-fm, blk-y-sbplty, n-sl calc, tr of fgr SS.
- 3,530-3,560 100% SHALE - gy-gybrn, gygn, rdbrn, brn, tr of fgr SS.
- 3,560-3,590 100% SHALE - gy-gybrn, gygn, rdbrn, brn, tr of fgr SS.
- 3,590-3,620 100% SHALE - gy-gybrn, gygn, rdbrn, brn, tr of fgr SS.
- 3,620-3,650 100% SHALE - gy-gybrn, gygn, rdbrn, brn, tr of fgr SS.
- 3,650-3,680 100% SHALE - gy-gybrn, gygn, rdbrn, brn, tr of fgr SS.
- 3,680-3,710 100% SHALE - gy-gybrn, gygn, rdbrn, brn, tr of fgr SS.
- 3,710-3,740 100% SHALE - gy-gybrn, gygn, rdbrn, brn, tr of fgr SS.
- 3,740-3,770 100% SHALE - gy-gybrn, gygn, rdbrn-brn, tr of fgr SS.
- 3,770-3,800 100% SHALE - gy-gybrn, gygn, rdbrn-brn, tr of fgr SS.
- 3,800-3,830 100% SHALE - gy-gybrn, gygn, rdbrn-brn, tr of fgr SS.
- 3,830-3,860 100% SHALE - gy-gybrn, gygn, rdbrn-brn, tr of fgr SS.
- 3,860-3,890 100% SHALE - gy-gybrn, gygn, rdbrn-brn, tr of fgr SS.
- 3,890-3,920 100% SHALE - gy-gybrn, gygn, rdbrn-brn, tr of fgr SS.
- 3,920-3,950 100% SHALE - gy-gybrn, gygn, rdbrn-brn, tr of fgr SS.
- 3,950-3,980 100% SHALE - gy-gybrn, gygn, rdbrn-brn, tr of fgr SS.
- 3,980-4,010 100% SHALE - gy-gybrn, gygn, rdbrn-brn, tr of fgr SS.
- 4,010-4,040 100% SHALE - gy-gybrn, gygn, rdbrn-brn, tr of fgr SS.
- 4,040-4,070 100% SHALE - gy-gygn, gybrn, rd-rdbrn, sft-fm, blk-y-sbplty, n-sl calc, abnt lse sd grs.
- 4,070-4,100 100% SHALE - gy-gygn, gybrn, rd-rdbrn, tr of fgr SS.
- 4,100-4,130 100% SHALE - gy-gygn, gybrn, rd-rdbrn, tr of fgr SS.
- 4,130-4,160 100% SHALE - gy-gygn, gybrn, rd-rdbrn, tr of fgr SS.
- 4,160-4,190 100% SHALE - gy-gygn, gybrn, rd-rdbrn, tr of fgr SS.
- 4,190-4,220 100% SHALE - gy-gygn, gybrn, rd-rdbrn, tr of fgr SS.
- 4,220-4,250 100% SHALE - gy-gygn, gybrn, rd-rdbrn, tr of ltgy vfgr-fgr SS.

LITHOLOGY (Cont.)

4,250-4,280	100% SHALE - gy-gygn, gybrn, rd-rdbrn, tr of ltgy, vfgr-fgr SS.
4,280-4,310	100% SHALE - gy-gygn, gybrn, rd-rdbrn, tr of ltgy, vfgr-fgr SS.
4,310-4,340	100% SHALE - gy-gygn, gybrn, rd-rdbrn, tr of ltgy, vfgr-fgr SS.
4,340-4,370	100% SHALE - gy-gygn, gybrn, rd-rdbrn, tr of ltgy, vfgr-fgr SS.
4,370-4,400	100% SHALE - gy-gygn, gybrn, rd-rdbrn, tr of ltgy, vfgr-fgr SS.
4,400-4,430	100% SHALE - gy-gygn, gybrn, rd-rdbrn, tr of ltgy, vfgr-fgr SS.
4,430-4,460	100% SHALE - gy-gygn, gybrn, rd-rdbrn, tr of ltgy, vfgr-fgr SS.
4,460-4,490	100% SHALE - gy-gygn, gybrn, rd-rdbrn, tr of ltgy, vfgr-fgr SS.
4,490-4,520	100% SHALE - gy-gygn, gybrn, rd-rdbrn, tr of ltgy, vfgr-fgr SS.
4,520-4,550	100% SHALE - gy-gygn, gybrn, rd-rdbrn, tr of ltgy, vfgr-fgr SS.
4,550-4,580	100% SHALE - gy-gygn, gybrn, rd-rdbrn, tr of ltgy, vf-fgr SS.
4,580-4,610	100% SHALE - rd-rdbrn, gybrn, gy-gygn, tr of ltgy, vf-fgr SS.
4,610-4,640	100% SHALE - rd-rdbrn, gybrn, gy-gygn, tr of ltgy, vf-fgr SS.
4,640-4,670	100% SHALE - rd-rdbrn, gybrn, gy-gygn, tr of ltgy, vf-fgr SS.
4,670-4,700	100% SHALE - rd-rdbrn, gybrn, gy-gygn, tr of ltgy, vf-fgr SS.
4,700-4,730	100% SHALE - rd-rdbrn, gybrn, gy-gygn, tr of ltgy vf-fgr SS.
4,730-4,760	100% SHALE - rd-rdbrn, gybrn, gy-gygn, tr of ltgy vf-fgr SS.
4,760-4,790	100% SHALE - rd-rdbrn, gybrn, gy-gygn, tr of ltgy vf-fgr SS.
4,790-4,820	100% SHALE - rd-rdbrn, gy-gygn, gybrn, sft-frm, blk-y-sbplty, n-mod calc, rr slty, tr of vfgr ltgy SS.
4,820-4,850	100% SHALE - rd-rdbrn, gy-gygn, gybrn, sft-frm, tr of vfgr SS.
4,850-4,880	100% SHALE - rd-rdbrn, gy-gygn, gybrn, tr of vfgr SS.
4,880-4,910	100% SHALE - rd-rdbrn, gy-gygn, gybrn, tr of lse vf-fgr SS.
4,910-4,940	100% SHALE - rd-rdbrn, gy-gygn, gybrn, tr of lse vfg-fgr SS.
4,940-4,970	100% SHALE - rd-rdbrn, gy-gygn, gybrn, tr of lse vf-fgr SS.
4,970-5,000	100% SHALE - rd-rdbrn, gy-gygn, gybrn, tr of lse vf-fgr SS.
5,000-5,030	100% SHALE - rd-rdbrn, gy-gygn, gybrn, mod-v calc, tr of lse vf-fgr SS.

LITHOLOGY (Cont.)

- 5,030-5,060 100% SHALE - rd-rdbrn, gy-gygn, gybrn, tr of lse vf-fgr SS.
- 5,060-5,090 100% SHALE - rd-rdbrn, gy-gygn, gybrn, tr of lse vfgr SS.
- 5,090-5,120 100% SHALE - rd-rdbrn, gy-gygn, gybrn, tr of lse vfgr SS.
- 5,120-5,150 100% SHALE - rd-rdbrn, gy-gygn, gybrn, tr of lse vfgr SS.
- 5,150-5,180 100% SHALE - rd-rdbrn, gy-gygn, gybrn, tr of sft wh-ltgy LS and vfgr SS.
- 5,180-5,210 100% SHALE - rd-rdbrn, gy-gygn, gybrn, tr of sft wh-ltgy LS and vfgr SS.
- 5,210-5,240 100% SHALE - rd-rdbrn, gy-gygn, gybrn, tr of sft wh-ltgy LS and vfgr SS, abnt SH cvgs.
- 5,240-5,270 100% SHALE - rd-rdbrn, gy-gygn, gybrn, tr of sft wh-ltgy LS and vfgr SS, abnt SH cvgs.
- 5,270-5,300 100% SHALE - rd-rdbrn, gy-gygn, gybrn, tr of sft wh-ltgy LS and vfgr SS, abnt SH cvgs.
- 5,300-5,330 100% SHALE - rd-rdbrn, gy-gygn, gybrn, tr of sft wh-ltgy LS, sme SS.
- 5,330-5,360 100% SHALE - rd-rdbrn, gy-gygn, gybrn, tr of sft wh-ltgy LS, abnt vfgr SS.
- 5,360-5,390 100% SHALE - rd-rdbrn, gybrn, gygn-gy, sft-fm, blk-y-sbplty, mod-v calc, rr slty, abnt vfgr uncons SS, tr of wh-ltgy LS, p ind.
- 5,390-5,420 60% SHALE - rd-rdbrn, gybrn, gygn-gy, sft-fm, rr slty.
40% LIMESTONE - pred ltgy, occ wh-rdwh, gybrn, p-fr ind, micxln-micritic, no vis \emptyset , NSFOC.
- 5,420-5,450 60% SHALE - rd-rdbrn, gybrn, gygn-gy, sft-fm, rr slty.
40% LIMESTONE - pred ltgy, occ wh-rdwh, gybrn, no vis \emptyset , NSFOC.
- 5,450-5,480 20% SHALE - rd-rdbrn, gybrn, gygn-gy, sft-fm, rr slty.
80% LIMESTONE - pred ltgy, occ wh, gybrn, no vis \emptyset , NSFOC.
- 5,480-5,510 10% SHALE - rd-rdbrn, gybrn, gygn-gy, sft-fm, rr slty.
90% LIMESTONE - pred ltgy, occ wh, gybrn, no vis \emptyset , NSFOC.
- 5,510-5,540 100% LIMESTONE - pred ltgy, occ wh, gybrn, no vis \emptyset , NSFOC.
- 5,540-5,570 10% SHALE - rd-rdbrn, gybrn, gygn-gy, sft-fm, rr slty.
90% LIMESTONE - pred ltgy, occ wh, gybrn, no vis \emptyset , NSFOC.
- 5,570-5,600 10% SHALE - rd-rdbrn, gybrn, gygn-gy, sft-fm, rr slty.
90% LIMESTONE - pred ltgy, occ dkgy, wh, gybrn, no vis \emptyset , NSFOC.

LITHOLOGY (Cont.)

- 5,600-5,630 20% SHALE - rd-rdbrn, gybrn, gygn-gy, sft-frm, rr slty.
80% LIMESTONE - pred ltgy, occ dkgy, wh, gybrn, no vis Ø, NSFOC.
- 5,630-5,660 10% SHALE - rd-rdbrn, gybrn, gygn-gy, sft-frm, rr slty.
90% LIMESTONE - pred ltgy, occ dkgy, wh, gybrn, no vis Ø, NSFOC.
- 5,660-5,690 10% SHALE - rd-rdbrn, gybrn, gygn-gy, sft-frm, rr slty.
90% LIMESTONE - pred ltgy, occ dkgy, wh, gybrn, no vis Ø, NSFOC.
- 5,690-5,720 10% SHALE - rd-rdbrn, gybrn, gygn-gy, sft-frm, rr slty.
90% LIMESTONE - pred ltgy, occ dkgy, wh, gybrn, no vis Ø, NSFOC.
- 5,720-5,750 10% SHALE - rd-rdbrn, gybrn, gygn-gy, sft-frm, rr slty.
90% LIMESTONE - pred ltgy, occ dkgy, wh, gybrn, no vis Ø, NSFOC.
- 5,750-5,780 50% SHALE - ltrd-rdbrn, gy-gygn, gybrn, sft-frm, blkly-sbplty, mod-v
calc, rr slty.
50% LIMESTONE - wh-ltgy-ltgybrn, occ chlky, p-fr ind, micxln, occ
micritic, cln-sl dol, no vis Ø, NSFOC.
- 5,780-5,810 50% SHALE - ltrd-rdbrn, gy-gygn, gybrn, mod-v calc, rr slty.
50% LIMESTONE - wh-ltgy-ltgybrn, occ chlky, NSFOC, tr of vfgr SS.
- 5,810-5,840 50% SHALE - ltrd-rdbrn, gy-gygn, gybrn, mod-v calc, rr slty.
50% LIMESTONE - wh-ltgy-ltgybrn, occ chlky, NSFOC, tr of vfgr SS.
- 5,840-5,870 50% SHALE - ltrd-rdbrn, gy-gygn, gybrn, mod-v calc, rr slty.
50% LIMESTONE - wh-ltgy-ltgybrn, occ chlky, NSFOC, tr of vfgr SS.
- 5,870-5,900 20% SHALE - ltrd-rdbrn, gy-gygn, gybrn, mod-v calc, rr slty.
80% LIMESTONE - wh-ltgy-ltgybrn, occ chlky, NSFOC, tr of vfgr SS.
- 5,900-5,910 30% SHALE - ltrd-rdbrn, gy-gygn, gybrn, mod-v calc, rr slty.
70% LIMESTONE - wh-ltgy-ltgybrn, occ chlky, NSFOC.
- 5,910-5,920 40% SHALE - ltrd-rdbrn, gy-gygn, gybrn, mod-v calc, rr slty.
60% LIMESTONE - wh-ltgy-ltgybrn, occ chlky, NSFOC.
- 5,920-5,930 40% SHALE - ltrd-rdbrn, gy-gygn, gybrn, rr slty, abnt cvgs.
60% LIMESTONE - wh-ltgy-ltgybrn, occ chlky, NSFOC.
- 5,930-5,940 40% SHALE - ltrd-rdbrn, gy-gygn, gybrn, rr slty, abnt cvgs.
60% LIMESTONE - wh-ltgy-ltgybrn, occ dkgy, chlky, NSFOC.
- 5,940-5,950 30% SHALE - ltrd-rdbrn, gy-gygn, gybrn, rr slty, abnt cvgs.
70% LIMESTONE - wh-ltgy-gybrn, occ dkgy, chlky, NSFOC.
- 5,950-5,960 30% SHALE - ltrd-rdbrn, gy-gygn, gybrn, rr slty, abnt cvgs.
70% LIMESTONE - wh-ltgy-gybrn, occ dkgy, chlky, NSFOC.
- 5,960-5,970 30% SHALE - ltrd-rdbrn, gy-gygn, gybrn, rr slty, abnt cvgs.
70% LIMESTONE - wh-ltgy-gybrn, occ dkgy, chlky, NSFOC.

LITHOLOGY (Cont.)

- 5,970-5,980 50% SHALE - rd-rdbrn, gy-gygn, gybrn, sft-frm, blk-sbplty, sl-mod calc, rr slty, abnt cvgs, occ lse qtz grs.
50% LIMESTONE - wh-ltgy-ltgybrn, occ dkgy, chlky, fr ind, fxln-micritic, cln, occ dol, no vis \emptyset , NSFOC.
- 5,980-5,990 50% SHALE - rd-rdbrn, gy-gygn, gybrn, abnt cvgs, occ lse qtz grs.
50% LIMESTONE - wh-ltgy-ltgybrn, occ dkgy, chlky, NSFOC.
- 5,990-6,000 50% SHALE - rd-rdbrn, gy-gygn, gybrn, occ lse qtz grs.
50% LIMESTONE - wh-ltgy-ltgybrn, occ dkgy, chlky, NSFOC.
- 6,000-6,010 20% SHALE - rd-rdbrn, gy-gygn, gybrn, occ lse qtz grs.
80% LIMESTONE - wh-ltgy-ltgybrn, occ dkgy, chlky, NSFOC.
- 6,010-6,020 10% SHALE - rd-rdbrn, gy-gygn, gybrn, occ lse qtz grs.
90% LIMESTONE - wh-ltgy-ltgybrn, occ dkgy, chlky, NSFOC.
- 6,020-6,030 10% SHALE - rd-rdbrn, gy-gygn, gybrn, occ lse qtz grs.
90% LIMESTONE - wh-ltgy-ltgybrn, occ dkgy, chlky, NSFOC.
- 6,030-6,040 10% SHALE - rd-rdbrn, gy-gygn, gybrn, occ lse qtz grs.
90% LIMESTONE - wh-ltgy-ltgybrn, occ dkgy, chlky, NSFOC.
- 6,040-6,050 10% SHALE - rd-rdbrn, gy-gygn, gybrn, occ lse qtz grs.
90% LIMESTONE - wh-ltgy, ltgybrn, occ dkgy, chlky, NSFOC.
- 6,050-6,060 10% SHALE - rd-rdbrn, gy-gygn, gybrn, occ lse qtz grs.
90% LIMESTONE - wh-ltgy-ltgybrn, occ dkgy, chlky, NSFOC.
- 6,060-6,070 50% SHALE - rd-rdbrn, gy-dkgy-gybrn, occ lse qtz grs, tr of CHT.
50% LIMESTONE - wh-ltgy-ltgybrn, occ dkgy, rr chlky, NSFOC.
- 6,070-6,080 50% SHALE - rd-rdbrn, gy-dkgy-gybrn, occ lse qtz grs, tr of CHT.
50% LIMESTONE - wh-ltgy-ltgybrn, occ dkgy, NSFOC.
- 6,080-6,090 50% SHALE - rd-rdbrn, gy-dkgy-gybrn, occ lse qtz grs, tr of CHT.
50% LIMESTONE - wh-ltgy-ltgybrn, occ dkgy, NSFOC.
- 6,090-6,100 50% SHALE - gy-dkgy-gybrn, rd-rdbrn, sft-frm, blk-sbplty, sl-v calc, rr slty, tr of CHT, qtz grs.
50% LIMESTONE - wh-ltgy, ltgybrn, rr chlky, p-fr ind, mic xln-micritic, rr dol, pred cln, p vis \emptyset , NSFOC.
- 6,100-6,110 40% SHALE - gy-dkgy-gybrn, rd-rdbrn, rr slty, tr of CHT, qtz grs.
60% LIMESTONE - ltgy-wh, ltgybrn, rr chlky, NSFOC.
- 6,110-6,120 40% SHALE - gy-dkgy-gybrn, rd-rdbrn, rr slty, tr of CHT, qtz grs.
60% LIMESTONE - ltgy-wh, ltgybrn, rr chlky, NSFOC.
- 6,120-6,130 30% SHALE - gy-dkgy-gybrn, rd-rdbrn, rr slty, tr of CHT, qtz grs.
70% LIMESTONE - ltgy-wh, ltgybrn, rr chlky, 5-10% wh yel flor, wh yel cut, no vis stn, p vis \emptyset .

LITHOLOGY (Cont.)

- 6,130-6,140 20% SHALE - gy-dkgy-gybrn, rd-rdbrn, rr slty, tr of CHT, qtz grs.
80% LIMESTONE - ltgy-wh, ltgybrn, rr chlky, gy-dkgy, tr of flor, sl cut.
- 6,140-6,150 20% SHALE - gy-dkgy-gybrn, rd-rdbrn, rr slty, tr of CHT, qtz grs.
80% LIMESTONE - ltgy-wh, ltgybrn, gy-dkgy, rr chlky, tr of flor, sl cut.
- 6,150-6,160 10% SHALE - gy-dkgy-gybrn, rd-rdbrn, rr slty, tr of CHT, qtz grs.
90% LIMESTONE - ltgy-ltgybrn, wh, rr gy-dkgy, chlky, tr of flor, sl cut.
- 6,160-6,170 10% SHALE - gy-dkgy-gybrn, rd-rdbrn, rr slty, tr of CHT, qtz grs.
90% LIMESTONE - ltgy-ltgybrn, wh, rr gy-dkgy, chlky, tr of flor, sl cut.
- 6,170-6,180 10% SHALE - gy-dkgy-gybrn, rd-rdbrn, rr slty, tr of CHT, qtz grs.
90% LIMESTONE - ltgy-ltgybrn, wh, rr gy-dkgy, chlky, tr of flor, sl cut.
- 6,180-6,190 10% SHALE - gy-dkgy-gybrn, rd-rdbrn, rr slty, tr of CHT, qtz grs.
90% LIMESTONE - ltgy-ltgybrn, wh, rr gy-dkgy, chlky, 1-3% wh-yel flor good cut, p vis \emptyset , no stn.
- 6,190-6,200 10% SHALE - gy-dkgy-gybrn, rd-rdbrn, sft-frn, blk-y-sbplty, sl-v calc, rr slty, tr of SS & CHT.
90% LIMESTONE - ltgy-ltgybrn, occ wh, p-fr ind, micxln-micritic, sl dol, occ slty, p vis \emptyset , 5% strng wh-yel flor, good cut, no vis stn.
- 6,200-6,210 20% SHALE - gy-dkgy-gybrn, rd-rdbrn, sft-frn, tr of SS & CHT.
80% LIMESTONE - ltgy-ltgybrn, occ wh, tr of wh yel flor, sl cut.
- 6,210-6,220 20% SHALE - gy-dkgy-gybrn, rd-rdbrn, tr of SS & CHT.
80% LIMESTONE - ltgy-ltgybrn, occ wh, tr of wh yel flor, sl cut.
- 6,220-6,230 20% SHALE - gy-dkgy-gybrn, rd-rdbrn, tr of SS, CHT.
80% LIMESTONE - ltgy-ltgybrn, occ wh, tr of wh yel flor, sl cut.
- 6,230-6,240 30% SHALE - gy-dkgy-gybrn, rd-rdbrn, tr of SS, CHT.
70% LIMESTONE - ltgy-ltgybrn, occ wh, tr of wh yel flor, no cut.
- 6,240-6,250 20% SHALE - gy-dkgy-gybrn, rd-rdbrn, tr of SS, CHT.
80% LIMESTONE - ltgy-ltgybrn, occ wh, tr of wh yel flor, no cut.
- 6,250-6,260 10% SHALE - gy-dkgy-gybrn, rd-rdbrn, tr of SS, CHT.
90% LIMESTONE - ltgy-ltgybrn, occ wh, tr of wh yel flor, no cut.
- 6,260-6,270 10% SHALE - gy-dkgy-gybrn, rd-rdbrn, tr of SS, CHT.
90% LIMESTONE - ltgy-ltgybrn, occ wh, tr of wh yel flor, no cut.
- 6,270-6,280 10% SHALE - gy-dkgy-gybrn, rd-rdbrn, tr of SS, CHT.
90% LIMESTONE - ltgy-ltgybrn, occ wh, tr of wh yel flor, no cut.

LITHOLOGY (Cont.)

- 6,280-6,290 20% SHALE - gy-dkgy, occ blk, gybrn, rd-rdbrn, tr of SS, CHT.
80% LIMESTONE - ltgy-ltgybrn, occ wh, tr of wh yel flor, no cut.
- 6,290-6,300 60% SHALE - dkgy-blk, occ rd-rdbrn, frm, occ sft, blk, occ sbplty,
n-mod calc, v carb, rr slty.
40% LIMESTONE - ltgy-ltgybrn, occ wh, tr of wh yel flor, no cut.
- 6,300-6,310 90% SHALE - dkgy-blk, gybrn, occ rd-rdbrn, frm, occ sft, blk, occ
sbplty, n-mod calc, v carb, occ slty, tr of SS.
10% LIMESTONE - ltgy-ltgybrn, wh, p-fr ind, micxln-micritic, sl dol
& slty, p vis \emptyset , tr of wh yel flor, no cut.
- 6,310-6,320 90% SHALE - dkgy-blk, gybrn, occ rd-rdbrn, occ slty, tr of SS.
10% LIMESTONE - ltgy-ltgybrn, wh, p-fr ind, tr of wh yel flor, no cut.
- 6,320-6,330 90% SHALE - dkgy-blk, gybrn, occ rd-rdbrn, occ slty, tr of SS.
10% LIMESTONE - ltgy-ltgybrn, wh, p-fr ind, tr of wh yel flor, no cut.
- 6,330-6,340 90% SHALE - dkgy-blk, gybrn, occ rd-rdbrn, occ slty, tr of SS.
10% LIMESTONE - ltgy-ltgybrn, wh, p-fr ind, tr of wh yel flor, no cut.
- 6,340-6,350 70% SHALE - dkgy-blk, gybrn, occ rd-rdbrn, occ slty, tr of SS.
30% LIMESTONE - ltgy-ltgybrn, wh, p-fr ind, tr of wh yel flor, no cut.
- 6,350-6,360 50% SHALE - dkgy-blk, gybrn, occ rd-rdbrn, rr slty, tr of SS, sme
ANHDRITE.
50% LIMESTONE - ltgy-gybrn, occ wh, p-fr ind, tr of wh yel flor, no
cut.
- 6,360-6,370 40% SHALE - dkgy-gybrn, occ blk, rd-rdbrn, rr slty, tr of SS.
60% LIMESTONE - ltgy-gybrn, rr wh, p-fr ind, incr dol, tr of yel
flor, no cut, p-no vis \emptyset , tr of ANHY.
- 6,370-6,380 40% SHALE - dkgy-gybrn, occ blk, rd-rdbrn, rr slty, tr of SS.
60% LIMESTONE - ltgy-gybrn, rr wh, p-fr ind, incr dol, fnt yel
flor, no cut.
- 6,380-6,390 50% SHALE - dkgy-gybrn, occ blk, rd-rdbrn, rr slty, tr of SS, CHT.
50% LIMESTONE - ltgy-gybrn, rr wh, p-fr ind, incr dol, fnt yel
flor, no cut.
- 6,390-6,400 50% SHALE - dkgy-gybrn, occ blk, brn, rd-rdbrn, rr slty, tr of SS,
CHT.
50% LIMESTONE/DOLOMITE - ltgy-gybrn, brn, rr wh, p-fr ind, fnt
yel flor, no cut.
- 6,400-6,410 30% SHALE - dkgy-gybrn, occ blk, brn, rd-rdbrn, rr slty, tr of SS,
CHT.
70% LIMESTONE/DOLOMITE - ltgy-gybrn, brn, rr wh, p-fr ind, fnt yel
flor, no cut, p vis \emptyset .
- 6,410-6,420 80% SHALE - abnt cvgs following test, rd-rdbrn, gy-gygn, gybrn, blk-
dkgy, sft-frm, blk-sbplty, n-v calc, slty, occ carb.
20% LIMESTONE - wh-ltgy-ltgygn, occ brn-dkgy, sl dol, p-fr ind, f
xln-micritic, occ slty, p vis \emptyset , tr of yel flor, no cut.

LITHOLOGY (Cont.)

- 6,420-6,430 80% SHALE - rd-rdbrn, gy-gygn, gybrn, blk-dkgy, occ slty, carb.
20% LIMESTONE - wh-ltgy-ltgygn, occ brn-dkgy, p vis \emptyset , tr of yel
flor, no cut.
- 6,430-6,440 80% SHALE - rd-rdbrn, gy-gygn, gybrn, blk-dkgy, occ slty, carb.
20% LIMESTONE - wh-ltgy-ltgygn, occ brn-dkgy, p vis \emptyset , NSFOC.
- 6,440-6,450 90% SHALE - rd-rdbrn, gy-gygn, gybrn, blk-dkgy, occ slty, carb.
10% LIMESTONE - wh-ltgy-ltgygn, occ brn-dkgy, p vis \emptyset , NSFOC.
- 6,450-6,460 70% SHALE - gybrn-dkgy-blk, rd-rdbrn, gy, occ slty, carb.
30% LIMESTONE - ltgy-ltgygn, brn-ltgybrn, incr dol, p vis \emptyset , NSFOC.
- 6,460-6,470 70% SHALE - gybrn-dkgy-blk, rd-rdbrn, gy, occ slty, carb.
30% LIMESTONE - ltgy-ltgygn, brn, ltgybrn, incr dol, p vis \emptyset , NSFOC.
- 6,470-6,480 70% SHALE - gybrn-dkgy-blk, rd-rdbrn, gy, occ slty, carb.
30% LIMESTONE - ltgy-ltgygn, brn, ltgybrn, dol, p vis \emptyset , NSFOC.
Tr of ANHYDRITE, Salt by drilling & increased chlorides.

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

4

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL [] GAS WELL [] DRY [XXX] 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 Street, Suite 1400, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: NWNW Sec. 8, T38S, R22E
At top prod. interval reported below: 500' FNL, 820' FWL
At total depth:

14. PERMIT NO. 43-037-30873 DATE ISSUED 3/19/83

5. LEASE DESIGNATION AND SERIAL NO. U-15042-A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME White Mesa Federal
9. WELL NO. #1
10. FIELD AND POOL, OR WILDCAT Wildcat
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 8, T38S, R22E
12. COUNTY OR PARISH San-Juan
13. STATE Utah

15. DATE SPUNDED 4/22/83 16. DATE T.D. REACHED 5/6/83 17. DATE COMPL. (Ready to prod.)
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5445' GR., 5458' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD DTD 6479', LTD 6471' 21. PLUG, BACK T.D., MD & TVD
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY surface to TD
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
DIL-GR from csq. to 6471' EDC-CNL-GR 4450-6471' Sonic csq.-6471'
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

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Row 1: 9 5/8", [], 582, 12 1/4", [], []

29. LINER RECORD and 30. TUBING RECORD
LINER RECORD: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD)
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

Table with 8 columns: 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 TITLE Chief Geologist DATE 5/18/83

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

