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

NEW ORLEANS
HOUSTON
TULSA

August 26, 1981

RECEIVED
AUG 28 1981
DIVISION OF
OIL, GAS & MINING

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

RE: #1 Oles-Federal
SE NW Sec. 15, T38S, R24E
San Juan County, Utah
Exception to Rule C-3
2150' FWL, ~~1750~~' FNL
1820

Dear Mr. Minder:

With reference to drilling of the captioned test, please let this serve as our request for an exception to Rule C-3. We want to twin the Reynolds Hatch #3 in SENW Section 15, will place new well approximately 325' NE of old well.

In addition, Davis Oil owns a 100% oil and gas lease on all acreage within a 660-foot radius of the proposed unorthodox location of the #1 Oles Federal.

Very truly yours,

DAVIS OIL COMPANY

Michelle

Michelle Fisher
Executive Secretary

/mf
enclosures

(Application on this well will follow).

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

NEW ORLEANS
HOUSTON
TULSA

September 17, 1981

Mr. Michael T. Minder
Petroleum Engineer
State of Utah
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

RE: Exception to Rule
C-3 Well No. 1
Oles Federal SENW
Sec. 15, T38S, R24E
San Juan County, Utah
2150' FWL, 1750' FNL

Dear Mr. Minder:

With reference to drilling of the captioned test, please allow this letter to serve as our request for an exception to Rule C-2, well spacing requirements. The indicated location is requested in order that we may twin the Hatch Field discovery well drilled in 1957 at a location 1980' FNL, 1980' FWL Section 15. We believe the reservoir is not fully developed and can be economically produced with acid fracture techniques through a new well bore at the requested location. We own all leases within a 660-foot radius of the requested location and a plat showing oil and gas tests in the vicinity is enclosed.

Sincerely,

DAVIS OIL COMPANY

Michelle

Michelle Hiller
Executive Secretary

BH:mh

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

5. LEASE DESIGNATION AND SERIAL NO.: W-49536

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

7. UNIT AGREEMENT NAME: ——

8. FARM OR LEASE NAME: Oles Federal

9. WELL NO.: #1

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 15, T38S, R24E

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

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: SE NW Sec. 15, T38S, R24E
At proposed prod. zone: 2140' FWL, 1820' FNL

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): 1800' east, 1750' north

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.: 325' SW

19. PROPOSED DEPTH: 6020' Desch.

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5141' GR Est., 5155' 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# K-55	STC (NEW)	0-1850' 700 sxs. est. Circ to surf.
8 3/4"	5 1/2"	17# K-55	LTC (NEW)	0-6020' 500 sxs. est.

(SEE TEN POINT PROGRAM)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 10-30-81
BY: [signature]

RECEIVED
SEP 17 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 — TITLE: Chief Geologist — DATE: 9/16/81
Ed Lafaye

(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

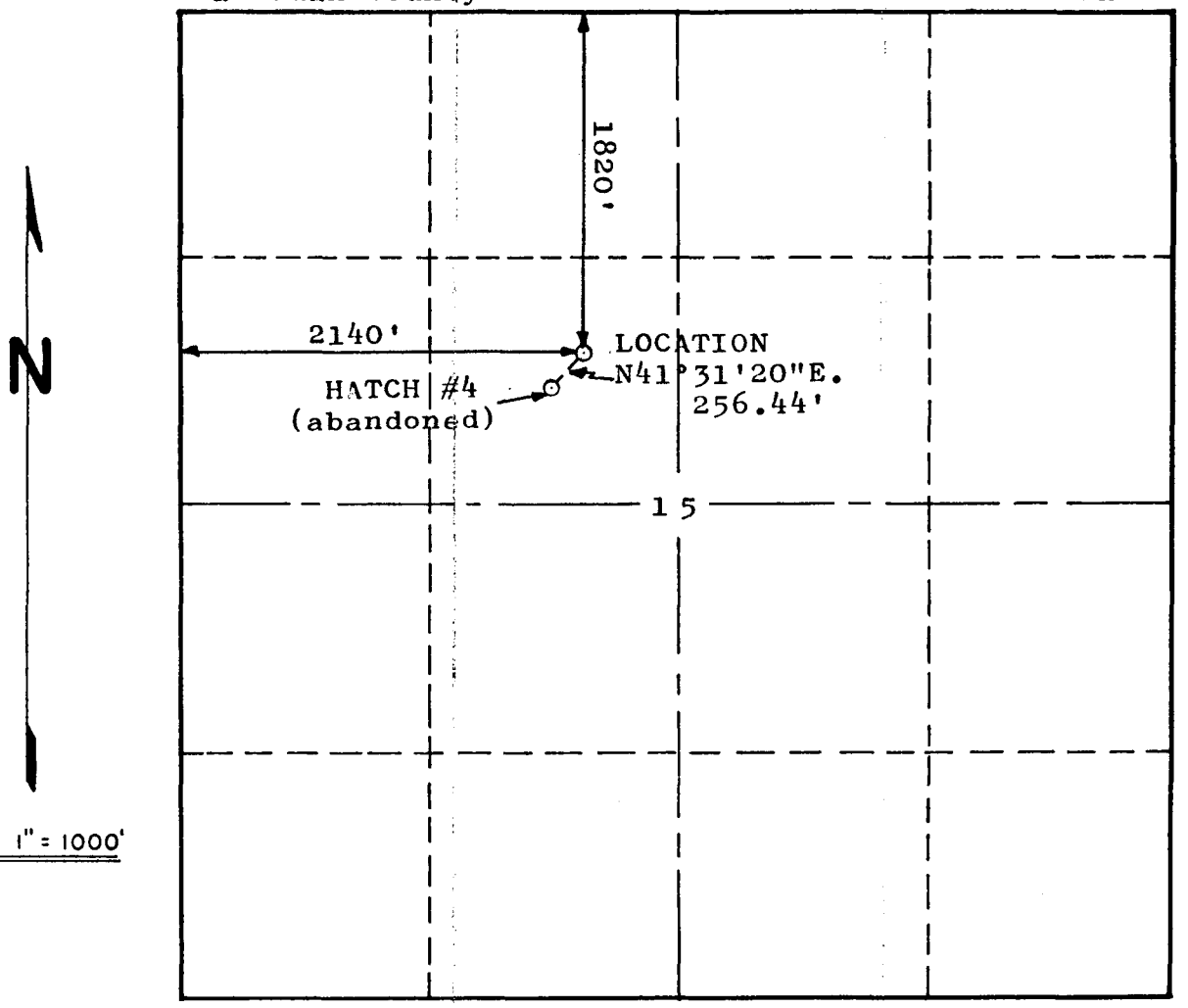
LEASE OLES - FEDERAL WELL No. 1

SECTION 15 T. 38 S. R. 24 E., S.L.B.&M.

LOCATION 1820 feet from the north line
2140 feet from the west line

ELEVATION 5141 (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: September 28, 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	surface	water
Navajo-Kayenta-Wingate	1700'	fresh water sands
Chinle	1800'	tight red mudstone
Cutler	2700'	sandstone, red mudstone, possible brackish water
Hermosa	4700'	sandstone, limestone, shale
Upper Ismay	5698'	limestone, anhydrite
Gothic Shale	5885'	black dolomite mud stone
Desert Creek	5907'	dolomite, anhydrite, shale
Desert Creek Pay Dolomite	5970'	tan dolomite, oil and gas
Akah	6015'	anhydrite, limestone
Total Depth	6020'	

4) CASING PROGRAM:
12 1/4", 9 5/8" 36# K-55 STC(NEW) 0-1850' 700 sxs. est.
8 3/4", 5 1/2" 15.5# K-55 LTC(NEW) 0-6020' 500 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 preventers 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:
0-1850' spud mud 8.4-9.2
1850-6020' light gel mud 9.2-10.0 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: BHC-Sonic; Dipmeter - all from base of surface casing to total depth.
CNL-FDC - from 4500' to total depth.

CORING:

None planned, at discretion of geologic staff

8) Continued -

TESTING:

1 DST Desert Creek

STIMULATION:

- Desert Creek/Ismay Formation - acidize each zone with 5000 gallons HCL and 5000 gallons gelled water.

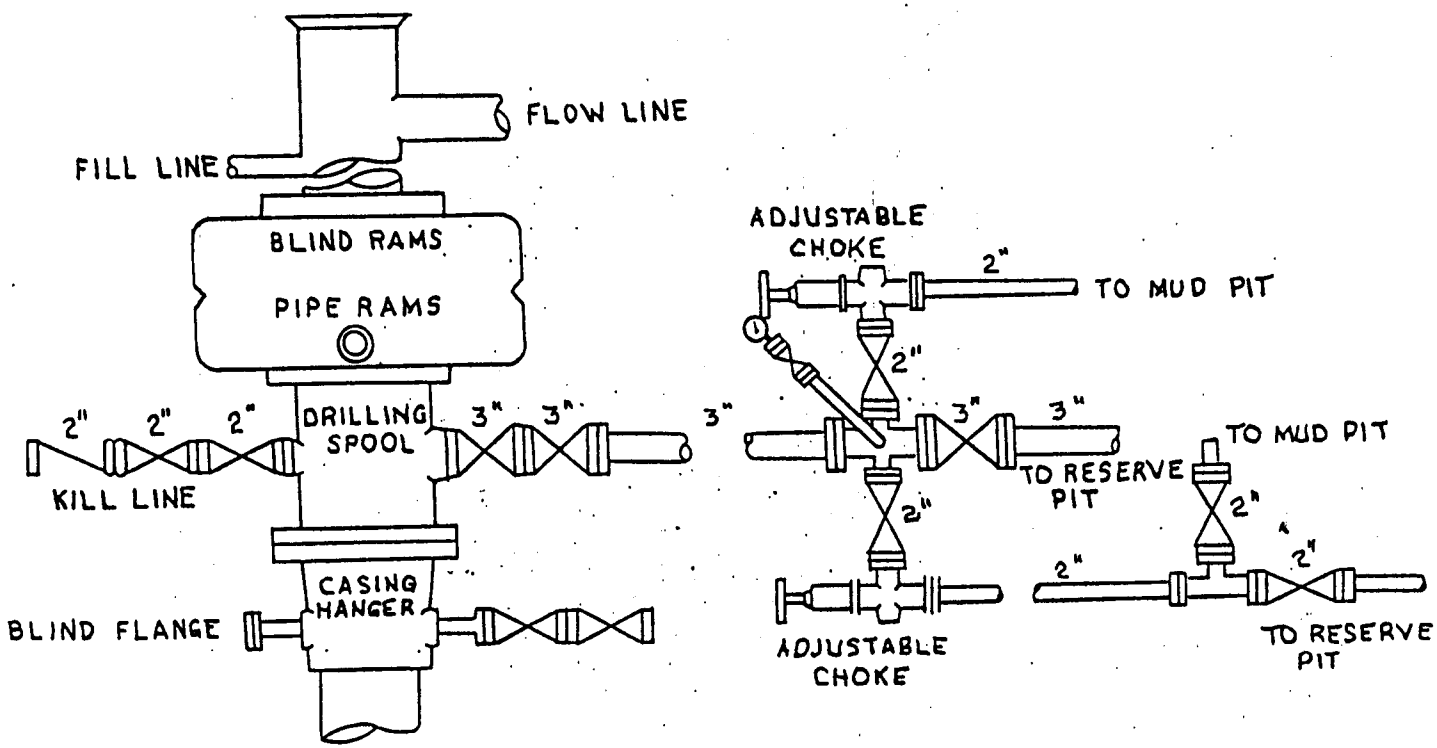
Actual volume of treatment will be dependent upon thickness of pay and evaluation of zone of interest.

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: 2700 PSI.

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

DURATION OF OPERATION: ~~30-60~~ 30-60 Days.



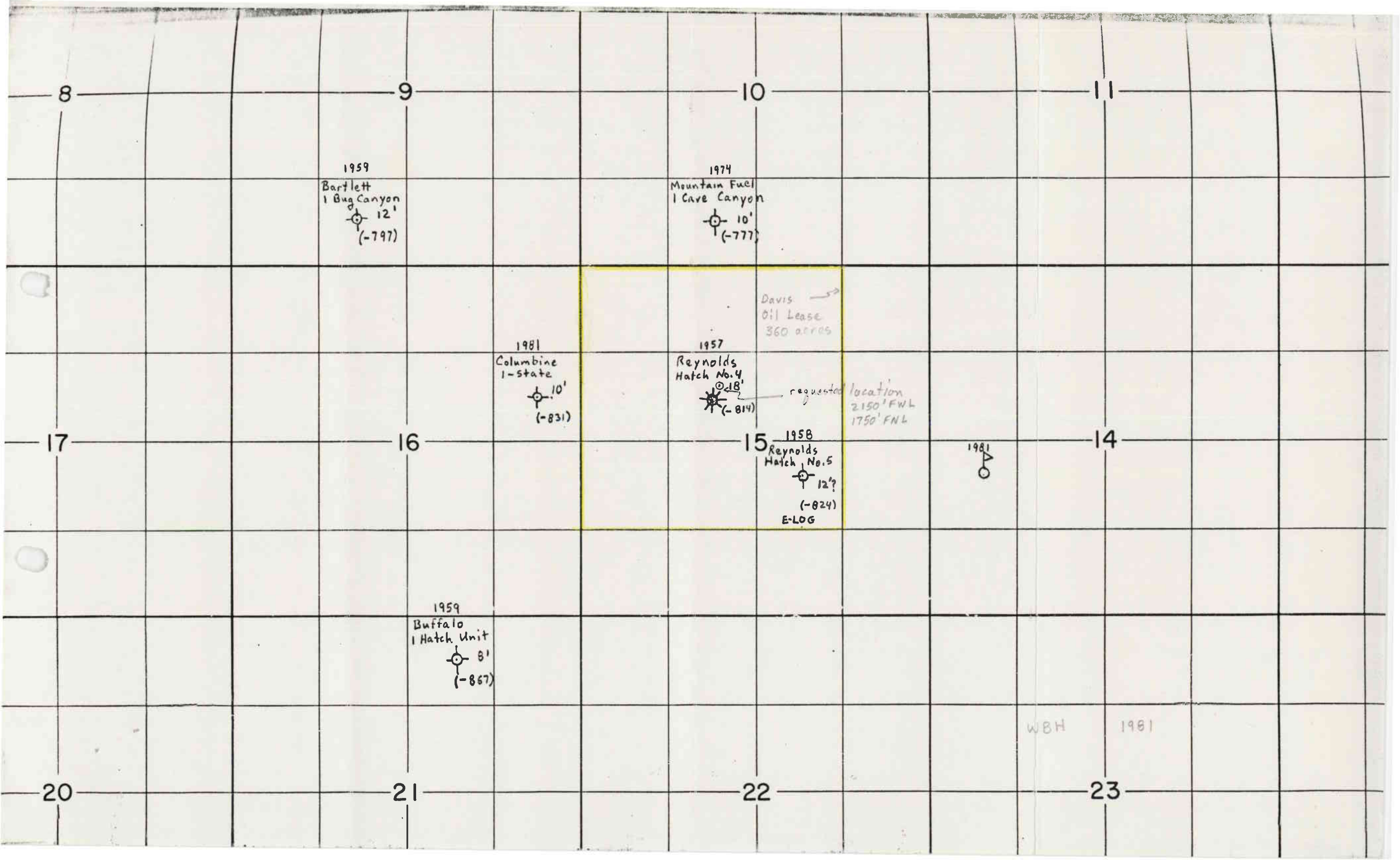
DAVIS OIL COMPANY

ARAPAHOE RIG

BLOW-OUT PREVENTION SYSTEM

12" 900 SERIES SHAFFER TYPE 48

3000 LBS. WP


8
9
10
11
1959
Bartlett
1 Bug Canyon
12'
(-797)
1974
Mountain Fuel
1 Cave Canyon
10'
(-777)
Davis
Oil Lease
360 acres
1981
Columbine
1-State
10'
(-831)
1957
Reynolds
Hatch No. 4
18'
(-814)
requested location
2150' FWL
1750' FNL
17
16
15
14
1958
Reynolds
Hatch No. 5
12'?
(-824)
E-LOG
1981
1959
Buffalo
1 Hatch Unit
8'
(-867)
WBH
1981
20
21
22
23

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

NEW ORLEANS
HOUSTON
TULSA

September 16, 1981

Mr. Carl Barrick
USGS
P.O. Box 3524
Durango, CO 81301

RE: #1 Oles Federal
SE NW Sec. 15, T38S, R24E
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.

By carbon copy of this letter to Utah State Oil and Gas Commission, 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

Michelle Hiller
Executive Secretary

/mf
Enclosures

cc: Utah Oil and Gas Commission

** FILE NOTATIONS **

DATE: Oct. 26, 1981

OPERATOR: Davis Oil Co.

WELL NO: Oles Federal #1

Location: Sec. 15 T. 38S R. 24E County: San Juan

File Prepared: ✓ Entered on N.I.D: ✓

Card Indexed: ✓ Completion Sheet: ✓

API Number 43-037-30739

CHECKED BY:

Petroleum Engineer: M.J. Minder 10/30/81

Director:

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. ✓

November 4, 1981

Davis Oil Company
410-17th Street,
Suite #1400
Denver, Colo. 80202

RE: Well No. Oles Federal #1,
Sec. 15, 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 43-037-30739.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

MTM/db
CC: USGS

IN REPLY REFER TO
T38SR24E Sec. 15
(U-069)

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Moab District
San Juan Resource Area
P.O. Box 7
Monticello, Utah 84535

October 27, 1981

Memorandum

To: USGS, Durango

From: Area Manager, San Juan

Subject: Davis Oil Company's Application for Permit to Drill, Oles Federal #1

We approve Davis Oil Company's Application for Permit to Drill subject to the following stipulations:

1. Mr. Dick Traister, San Juan County Road Superintendent, will be contacted (801-587-2231, ext. 43) prior to the use of county roads.

2. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. The top six inches of soil will be stockpiled and evenly distributed over the disturbed area during rehabilitation.

4. The reserve pit will have at least half of its capacity in cut.

5. Trash will be burned as necessary.

6. All trash will be burned and compacted prior to burial.

7. At the conclusion of rehabilitation the access will be blocked to prevent future use.

The archaeological requirement has been fulfilled. No threatened or endangered species are indicated in the area.

Edward L. Schmidt

RECEIVED
OCT 28 1981
U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input (concurrence), October 28, 1981

2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)

3. Lease Stipulations/Terms

4. Application for Permit to Drill

5. Operator Correspondence

6. Field Observation

7. Private Rehabilitation Agreement

Identification No. 031-82

United States Department of the Interior
Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Davis Oil Company

Project Type Single zone exploration well

Project Location 1820 FNL/2140 FWL, sec. 15 T38S R24E San Juan County, Utah

Well No. 1 Oles Federal Lease No. ~~U-44820~~ U-49536

Date Project Submitted October 21, 1981

FIELD INSPECTION Date October 8, 1981

Field Inspection Participants

Roy Moyer - Davis Oil Co.
John + Al Kroeger - Surveyor
Dean McClellan - McDonald Construction
Brian Wood - Bureau of Land Management
Marilyn Swift - Salmon Ruins
Don Englishman - U.S. Geological Survey

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

October 9, 1981
Date Prepared

Donald Englishman
Environmental Scientist

I concur

NOV 03 1981
Date

R D Martin FOR E. W. GUYNN DISTRICT OIL & GAS SUPERVISOR
District Supervisor

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency: Correspondence (date)	Federal/State Agency: Phone check (date)	Federal/State Agency: Meeting (date)	Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
1. Public health and safety						✓4	✓		
2. Unique characteristics							✓		
3. Environmentally controversial							✓		
4. Uncertain and unknown risks							✓		
5. Establishes precedents							✓		
6. Cumulatively significant							✓		
7. National Register historic places	✓1								
8. Endangered/ threatened species	✓1								
9. Violate Federal, State, local, tribal law						✓4	✓		

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

5. LEASE DESIGNATION AND SERIAL NO.: ~~W 49536~~ U-49536

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

7. UNIT AGREEMENT NAME: ——

8. FARM OR LEASE NAME: Oles Federal

9. WELL NO.: #1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 15, T38S, R24E

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: SE NW Sec. 15, T38S, R24E
At proposed prod. zone: 2140' FWL, 1820' FNL

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

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1800' east, 1750' north

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.: 325' SW

19. PROPOSED DEPTH: 6020'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5141' GR Est., 5155' 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# K-55~~	~~STC (NEW)~~	0-1850' 700 sxs. est.
8 3/4"	5 1/2"	~~17# K-55~~	~~LTC (NEW)~~	0-6020' 500 sxs. est.

(SEE TEN POINT PROGRAM)

NOV 05 19

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: 9/16/81
Ed Lafaye

(This space for Federal or State office use)

PERMIT NO. ——— APPROVAL DATE ———

APPROVED BY: W Martin — FOR E. W. GUYNN — TITLE: DISTRICT OIL & GAS SUPERVISOR — DATE: NOV 04 1981

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL
State O&G

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

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

NOTICE OF SPUD

Company: Davis Oil

Caller: Charley Powell

Phone:

Well Number: OLES #1

Location: SENW 15-38S-24E

County: SAN JUAN State: UTAH

Lease Number: U-49536

Lease Expiration Date:

Unit Name (If Applicable):

Date & Time Spudded: 12-30-81 5:30 P.M.

Dry Hole Spudder/Rotary: Rotary

Details of Spud (Hole, Casing, Cement, etc.) 12 1/2"

Rotary Rig Name & Number: BRINKERHOFF #79

Approximate Date Rotary Moves In:

FOLLOW WITH SUNDRY NOTICE

Call Received By: KR

Date: 1-4-82

RECEIVED
JAN 05 1982
DIVISION OF
OIL, GAS & MINING

DAVIS OIL COMPANY

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

NEW ORLEANS
HOUSTON
TULSA

January 13, 1982

State of Utah
Natural Resources & Energy
4241 State Office Bldg.
Salt Lake City, Utah 84114

USGS
P.O. Box 3524
Durango, CO 81301

RE: **#1 Oles Federal-TIGHT HOLE**
SENW Sec. 15, T38S, R24E
San Juan County, Utah

Gentlemen:

Please be advised that the above captioned well is being carried at our company as a tight hole. We would appreciate it if you would keep this well confidential in your files as well. Thank you for your cooperation.

Very truly yours,

DAVIS OIL COMPANY

Stacey

Stacey L. Williams
Geological Clerk

RECEIVED
JAN 15 1982
DIVISION OF
OIL, GAS & MINING

/sw

.OLES FEDERAL	1-G	1	5608'-5630'
Lease Name	Well No.	Test No.	Tested Interval
212281	FARMINGTON	1-13-82	2033-2032
Ticket Number	Camp	Date	Gauge Number(s)

DAVIS OIL COMPANY
Lease Owner/Company Name

RECEIVED
JAN 27 1982
DIVISION OF
OIL, GAS & MINING

HALLIBURTON
SERVICES

18

TICKET NO. 212281 DATE 1-13-82 HALLIBURTON CAMP FARMINGTON

LEASE OWNER DAVIS OIL COMPANY BC-dr

LEASE NAME OLES FEDERAL WELL NO. 1-G TEST NO. 1

LEGAL LOCATION 15-38 S-24E FORMATION TESTED HERMOSA

FIELD AREA WILDCAT COUNTY SAN JUAN STATE UTAH

TYPE OF D.S.T. OPEN HOLE

TESTER(S) DAVE DAVIS, MARK CLARK

WITNESS JOHN DIETZ DRILLING CONTRACTOR BRINKERHOFF SIGNAL # 79

DEPTHS MEASURED FROM KELLY BUSHING CASING PERFS (FT.)

TYPE AND SIZE OF GAS MEASURING DEVICE ADJUSTABLE CHOKE

CUSHION DATA

TYPE AMOUNT WEIGHT (lb./gal.)

TYPE AMOUNT WEIGHT (lb./gal.)

RECOVERY (ft. or bbl.):

4000' gas cut oil

FLUID PROPERTIES

SOURCE	RESISTIVITY	CHLORIDES (PPM)	SOURCE	RESISTIVITY	CHLORIDES (PPM)
	@ °F			@ °F	
	@ °F			@ °F	
	@ °F			@ °F	

REMARKS: See production test data sheet

No calculations available. No reliable production rate for basis of calculations due to rapid entry of fluid into tool string.

Insufficient curvature of closed in pressure buildups for extrapolation

TICKET NO. 212281 DATE 1-13-82 ELEVATION (FT). 5154'

TOP OF TESTED INTERVAL (ft.) 5608' BOTTOM OF TESTED INTERVAL (ft.) 5630'

NET PAY (ft.) 4' TOTAL DEPTH (ft.) 5630'

HOLE OR CASING SIZE (in.) 8.75" MUD WEIGHT (lb./gal.) 9.2 VISCOSITY (sec.) 34

SURFACE CHOKE (in.) .125" BOTTOM CHOKE (in.) .75"

OIL GRAVITY 39.8 @ 60 °F GAS GRAVITY—ESTIMATED ACTUAL

SAMPLER DATA

PRESSURE (P.S.I.) 550 CUBIC FT. OF GAS 3.2

C.C.'s OF OIL 1600 C.C.'s OF WATER

C.C.'s OF MUD TOTAL LIQUID C.C.'s 1600

GAS/OIL RATIO (cu. ft. per bbl.)

FROM SAMPLER OTHER

TEMPERATURE (°F)

ESTIMATE

ACTUAL 124°

DEPTH (ft.) 5626'

H.T.-500 ☐; THERMOMETER ☒

T.E. OR R.T.-7 ☐; OTHER ☐

SERIAL NO.

RECORDER AND PRESSURE DATA

CHARTS READ BY D. DAVIS DATA APPROVED BY

RECORDERS						TIMES (00:00-24:00 HRS.)	
GAUGE NUMBER		2033	2032			TOOL OPENED	0604
GAUGE TYPE		1	2			DATE	1-13-82
GAUGE DEPTH (ft.)		5587	5627			BYPASS OPENED	1340
CLOCK NUMBER		14128	13840			DATE	1-13-82
CLOCK RANGE (HR.)		24	24				
PRESSURES						PERIOD	MINUTES
INITIAL HYDROSTATIC		2627.9	2666.6				
1st.	INITIAL FLOW	1040.2 Q	1105.7 Q			XXX	XXX
1st.	FINAL FLOW	687.9	705.9			1st. FLOW	34.3
1st.	CLOSED-IN	771.7 Q	790.0			1st. C.I.P.	61.3
2nd.	INITIAL FLOW	746.7	772.1			XXX	XXX
2nd.	FINAL FLOW	771.1	793.9			2nd. FLOW	59.0
2nd.	CLOSED-IN	801.5	829.5			2nd. C.I.P.	301.4
3rd.	INITIAL FLOW					XXX	XXX
3rd.	FINAL FLOW					3rd. FLOW	
3rd.	CLOSED-IN	Q-questionable				3rd. C.I.P.	
FINAL HYDROSTATIC		2377.9	2420.3			XXX	XXX

Casing perfs.____ Bottom choke____ Surf. temp.____ °F Ticket No. 212281
Gas gravity____ Oil gravity____ GOR____
Spec. gravity____ Chlorides____ ppm Res.____ @____ °F
INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED____

Date Time a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
1-12-82 2310					On location
1-13-82 0215					Picked up tools
0320					Tools on, trip in
0600					On bottom
0604	.125"	15 oz.			Opened tool with a good blow
0609	"	35#			Good blow
0614	"	53#			Good blow
0619	.250"	40#			Gas to surface, switch to 1/4" choke.
0624	.156"	20#			Switch to 5/32" choke
0629	.125"	5#			Switch to 1/8" choke
0635					Closed tool
0740	.125"	10 oz.			Opened tool to pit
0745	"	"			Fair blow
0750	"	"			"
0755	"	"			"
0810	"	"			"
0825	"	12 oz.			"
0840	"	14 oz.			Closed tool
1340					Opened bypass, pulled 5 stands
1415					Dropped bar
1430					Started reversing
1500					Finished reversing
1510					Mixed mud
1600					Trip out of hole.
2030					Tools out, job completed

PRODUCTION TEST DATA

DAVIS OIL COMPANY
Lease Owner/Company Name

212281 PAGE 1
Ticket Number

B.T. 2033 | B.T. 2032 | B.T.

Depth 5587' | Depth 5627' | Depth

Time (minutes)	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time (minutes)	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time (minutes)	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
FIRST FLOW			FIRST FLOW					
0		1040.2Q	0	Q	1105.7			
3		704.9 Q	3	Q	744.7			
6		638.4 Q	6	Q	662.5			
9		625.9	9		649.6			
12		633.5	12		656.7			
15		655.2	15		673.7			
18		667.7	18		684.7			
21		670.0	21		687.4			
24		673.6	24		690.5			
27		676.4	27		696.1			
30		681.2	30		700.3			
33		686.4	33		706.4			
34.3		687.9	34.3		705.9			
FIRST CIP			FIRST CIP					
0		687.9	0		705.9			
5		704.7	5		724.7			
10		718.0	10		737.5			
15		730.5	15		746.3			
20		740.3	20		754.5			
25		748.4	25		762.5			
30		754.9	30		768.4			
35		761.1	35		773.6			
40		767.1	40		778.7			
45		771.3	45		783.2			
50		776.0	50		787.6			
55		779.6	55		790.8			
60		775.5 Q	60		790.8			
61.3		771.7 Q	61.3		790.0			
SECOND FLOW			SECOND FLOW					
0		746.7	0		772.1			
5		747.7	5		771.6			
10		749.1	10		773.3			
15		752.0	15		776.6			
20		755.9	20		780.8			
25		758.3	25		784.1			
30		760.9	30		787.4			
35		763.3	35		789.2			
40		764.8	40		790.5			
45		766.0	45		792.0			
50		767.7	50		793.4			
55		768.1	55		793.4			
59.0		771.1	59.0		793.9			

Q-Questionable

80-2860

DAVIS OIL COMPANY

Lease Owner/Company Name

212281 PAGE 2

Ticket Number

B.T. 2033 B.T. 2032 B.T.

Depth 5587' Depth 5627' Depth

Time (minutes)	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time (minutes)	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time (minutes)	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
SECOND CIP			SECOND CIP					
0		771.1	0		793.9			
1		771.3	1		794.6			
2		771.3	2		794.6			
3		771.3	3		795.0			
4		771.3	4		795.5			
5		771.3	5		795.5			
6		771.3	6		795.5			
7		771.3	7		795.5			
8		772.3	8		796.2			
9		772.3	9		796.2			
10		772.3	10		797.0			
12		772.3	12		797.0			
14		772.3	14		797.0			
16		773.1	16		798.0			
18		773.1	18		798.8			
20		773.7	20		799.2			
22		773.7	22		799.2			
24		774.7	24		799.2			
26		774.7	26		800.1			
28		774.7	28		800.7			
30		775.7	30		800.7			
90		783.5	90		810.7			
150		790.9	150		817.8			
210		795.6	210		823.6			
270		799.7	270		828.8			
301.4		801.5	301.3		829.5			

Remarks:

80-2860

TICKET NO. 212281

Tool Description	O.D.	I.D.	Length	Depth
Drill Pipe	4.5"	3.826"	5035.26'	
Drill Collar	6.5"	2.25"	445.74'	
Reversing sub	5.75"	3"	1'	5482'
Drill Collar	6.5"	2.25"	91'	
Dual CIP Sampler	5.03"	.75"	7'	
Hydrospring	5"	.75"	5'	5585'
AP Running case	5"	2.25"	4'	5587'
Big John jars	5.03"	1.75"	5'	
V.R. Safety Joint	5"	1"	3'	
Packer	7.5"	1.53"	6'	5602'
Packer	7.5"	1.53"	6'	5608'
Flush joint anchor	5.75"	3"	16'	
B.T. Running case	5.75"	2.44"	4'	5627'
Total Depth				5630'

JOHNSTON-MACCO
Schlumberger

DISTRIBUTION FOR TECHNICAL REPORTS
JS-223-A

RECEIVED
JAN 28 1982
DIVISION OF
OIL, GAS & MINING

FIELD REPORT NO.	34219 E
DATE	1-16-82
COMPANY	DAVIS OIL COMPANY
WELL	[illegible] FEDERAL
NO.	1-E
CUSTOMER	SAME
FIELD	WILD CAT
COUNTY	SAN JUAN
STATE	UTAH

☐ THIS TEST ONLY ☒ ALL TESTS ON THIS WELL

JOHNSTON-MACCO HAS BEEN REQUESTED TO FURNISH THE FOLLOWING COMPANIES WITH TECHNICAL REPORTS. THIS DISTRIBUTION WILL BE AS INDICATED AT LEFT UNLESS OTHERWISE STATED.

1 GEORGE BAKER 231 S. LASALLE CONTINENTAL BANK, EXECUTIVE V.P. CHICAGO, IL 60693	1 NEWCAL ASSOCIATIONS, LTD. C/O JAMES W. SHEA 20 EXCHANGE PLACE NEW YORK, NY 10005
1 GERALD K. BERGMAN 1329 WESTMOOR TRAIL WINNETKA, IL 60093	2 BILL HANSON DAVIS OIL CO. 410 17TH ST., SUITE 1400 DENVER, CO 80202
1 DELMAN ASSOCIATES C/O PARKWOOD CORP. P. O. BOX 6609 CLEVELAND, OH 44101 - 1609	1 JOHN DIETZ 428 ARAPAHOE BOULDER, CO 80302
2 ALAN HIRSCHFIELD 40 WEST 57TH ST. NEW YORK, NY 10019	1 DAVIS OIL PRODUCTION 3211 ENERGY LANE, SUITE 24 CASPER, WY 82601
1 HARRIS KATLEMAN P. O. BOX 900 BEVERLY HILLS, CALIF. 90213	1 DAVIS OIL CO. 230 W. NORTH ST. CORTEZ, CO 81321
1 NORMAN LEVY C/O 20TH CENTURY FOX 40 WEST 57TH ST. NEW YORK, NY 10019	2 UTAH OIL & GAS COMM. 1588 WEST NORTH TEMPLE SALT LAKE CITY, UT 84116

JOHNSTON-MACCO

Schlumberger

DISTRIBUTION FOR TECHNICAL REPORTS

JS—223-A

FIELD REPORT NO.	34219 E
DATE	1-16-82

COMPANY: DAVIS OIL COMPANY	WELL: OLES FEDERAL	NO.: 1-E
CUSTOMER: SAME	FIELD: WILD CAT	
COUNTY: SAN JUAN	STATE: UTAH	

☐ THIS TEST ONLY ☒ ALL TESTS ON THIS WELL

JOHNSTON-MACCO HAS BEEN REQUESTED TO FURNISH THE FOLLOWING COMPANIES WITH TECHNICAL REPORTS. THIS DISTRIBUTION WILL BE AS INDICATED AT LEFT UNLESS OTHERWISE STATED.

2 U.S.G.S.	☐
1745 W. 1700 ST., SUITE 2000	
SALT LAKE CITY, UT 84104	
☐	☐
☐	☐
☐	☐
☐	☐
☐	☐

JS-144-A

COMPANY DAVIS OIL COMPANY WELL OLES FEDERAL #1E TEST NO. 2 COUNTY SAN JUAN STATE UTAH

JOHNSTON-MACCO

Schlumberger

technical report

RECEIVED
JAN 28 1982
DIVISION OF
OIL, GAS & MINING

FIELD REPORT #34219 E

* TEST TICKET DATA PRINTOUT *

WELL IDENTIFICATION

1.	WELL	: OLES FEDERAL #1E
2.	COMPANY	: DAVIS OIL COMPANY
3.		: 3211 ENERGY LANE, SUITE 201
4.		: CASPER, WYOMING 82601
5.	CUSTOMER	: SAME
6.		:
7.		:
8.	FIELD	: WILDCAT
9.	COUNTY	: SAN JUAN
10.	STATE/PROV.	: UTAH
11.	LOCATION	: SEC. 15, T38S R24E
12.	TECHNICIAN	: KOERNER (VERNAL)
13.	TEST APPROVED BY	: MR. ELMER COMBS
14.	TEST DATE	: 01-16-82
15.	DEPTH REFERENCE	: KELLY BUSHING
16.	DEPTH REFERENCE ELEVATION	: S.L. 5141. FT

HOLE INFORMATION

1. THE HOLE IS STRAIGHT.

2.	TOTAL DEPTH	: 5986. FT
3.	OPEN HOLE DIAMETER	: 8.75 IN

MUD INFORMATION

1.	MUD TYPE	: GEL-CHEM-LOW SOLIDS-NON-DISPERSED
2.	MUD WEIGHT	: 9.2 LB/GAL
3.	MUD VISCOSITY	: 34 - 36 MARSH FUNNEL SEC
4.	CORRECTED WATER LOSS	: 10.0 CC/30 MIN
5.	MUD RESISTIVITY	: 0.54 OHM-M
6.	MUD RES. MEAS. TEMP.	: 60.0 DEG F
7.	MUD FILTRATE RESISTIVITY	: 0.25 OHM-M
8.	MUD FILT. RES. MEAS. TEMP.	: 60.0 DEG F
9.	MUD CHLORIDES CONTENT	: 2200.0 PPM BY WEIGHT

TEST TICKET DATA PRINTOUT

TEST INFORMATION

1. FIELD REPORT NUMBER : 34219E
2. TEST TYPE : M.F.E. OPEN HOLE
3. TEST NUMBER : 2
4. TELEFLOW IN USE ? : NO
5. SSDR OR J-300 IN USE ? : NO
6. SPRO IN USE ? : NO
7. PTSDL IN USE ? : NO

TEST STRING INFORMATION

#	COMPONENT NAME	EFFECTIVE I.D. (IN)	EFFECTIVE O.D. (IN)	FLOW PATH LENGTH (FT)	J/M CODE
1	DRILL PIPE	3.80	4.50	5372.	
2	DRILL COLLARS	2.25	6.75	539.	
3	TEST TOOL STRING	0.93	5.00	75.	

TEST STRING PLACEMENT

1. TEST TYPE-CODE 1 - ON BOTTOM
2. PACKER DEPTHS : 5949. FT & 5954. FT

TEST ZONE DESCRIPTION

FORMATION NAME	TOP (FT)	BOTTOM (FT)	PRODUCTION ZONE THICKNESS (FT)	POROSITY (%)
DESERT CREEK			9.	8.

TEST CONDITIONS

1. BOTTOMHOLE CHOKE(S) EFF. INTERNAL DIA. : 0.93 IN

TEST TICKET DATA PRINTOUT

TEST TOOL SAMPLE CHAMBER RECOVERY DATA

SAMPLE PRESSURE : 50. PSIG
OIL GRAVITY : DEG. API @ DEG F
GAS/OIL RATIO : FT3/BBL
GAS/LIQUID RATIO : FT3/BBL

SAMPLE CHAMBER CONTENTS

FLUID	VOLUME	RESISTIVITY	CHLORIDES
GAS	0.40 FT3		
OIL	CC		
WATER	CC	OHM-M @ DEG F	PPM
MUD	1700.0 CC	0.50 OHM-M @ 73.0 DEG F	1050 PPM
TOTAL LIQUID	1700.0 CC		

RECOVERY INFORMATION

	DESCRIPTION	FEET	% OIL	% H2O	% OTH	API DEG.	API DEG.F	RESISTIVITY OHM-M	RESISTIVITY DEG.F	CHL PPM
1	SLIGHTLY GAS CUT MUD (RAINBOW FILM)	70			100			8.50	60	2000.

SURFACE INFORMATION

	DESCRIPTION	TIME	PRESSURE	CHOKE SIZE
1	SET PACKER	0004	-	-
2	OPENED TOOL	0006	-	1/4"
3	BLOW, 1/2" IN WATER		-	"
4		0010	4.00 OZ	"
5		0036	12.0 "	"
6	CLOSED FOR INITIAL SHUT-IN	0037	-	"
7	FINISHED SHUT-IN	0131	-	"
8	RE-OPENED TOOL	0136	-	"
9	BLOW OFF BOTTOM OF BUCKET		-	"
10		0138	6.00 "	"
11		0140	6.50 "	"
12		0142	6.50 "	"
13		0146	6.00 "	"
14		0153	1.00 "	"
15	BLOW DIED	0158	-	"

FIELD REPORT NO. 34219E

****
* TEST TICKET DATA PRINTOUT *
****

	DESCRIPTION	TIME	PRESSURE	CHOKE SIZE
16	CLOSED FOR FINAL SHUT-IN	0306	-	"
17	FINISHED SHUT-IN	0706	-	"
18	PULLED PACKER LOOSE	0707	-	-

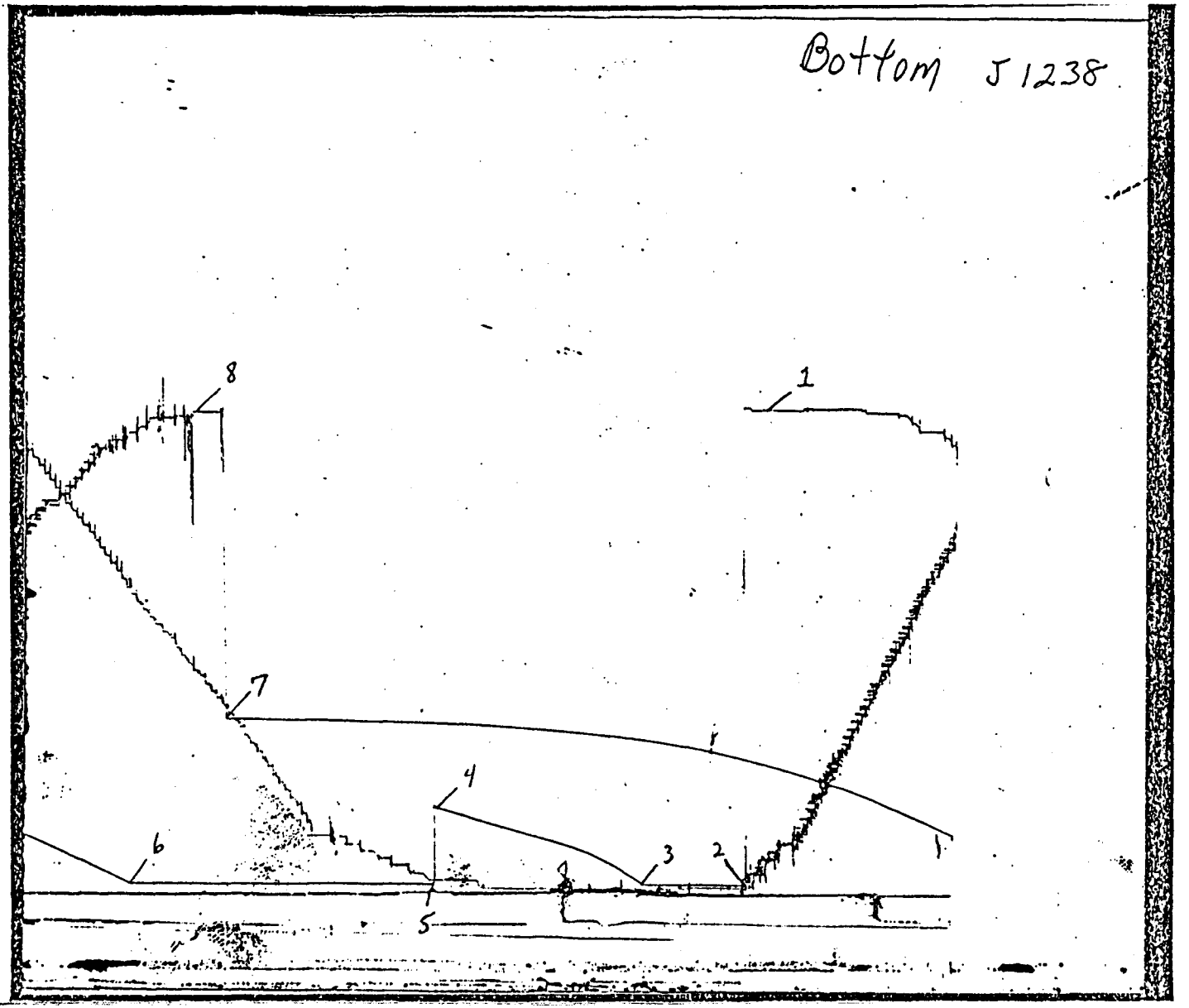
FIELD REPORT NO.: 34219 E

CAPACITY: 4700#

INSTRUMENT NO.: J-1238

NUMBER OF REPORTS: 17

JOHNSTON Schlumberger

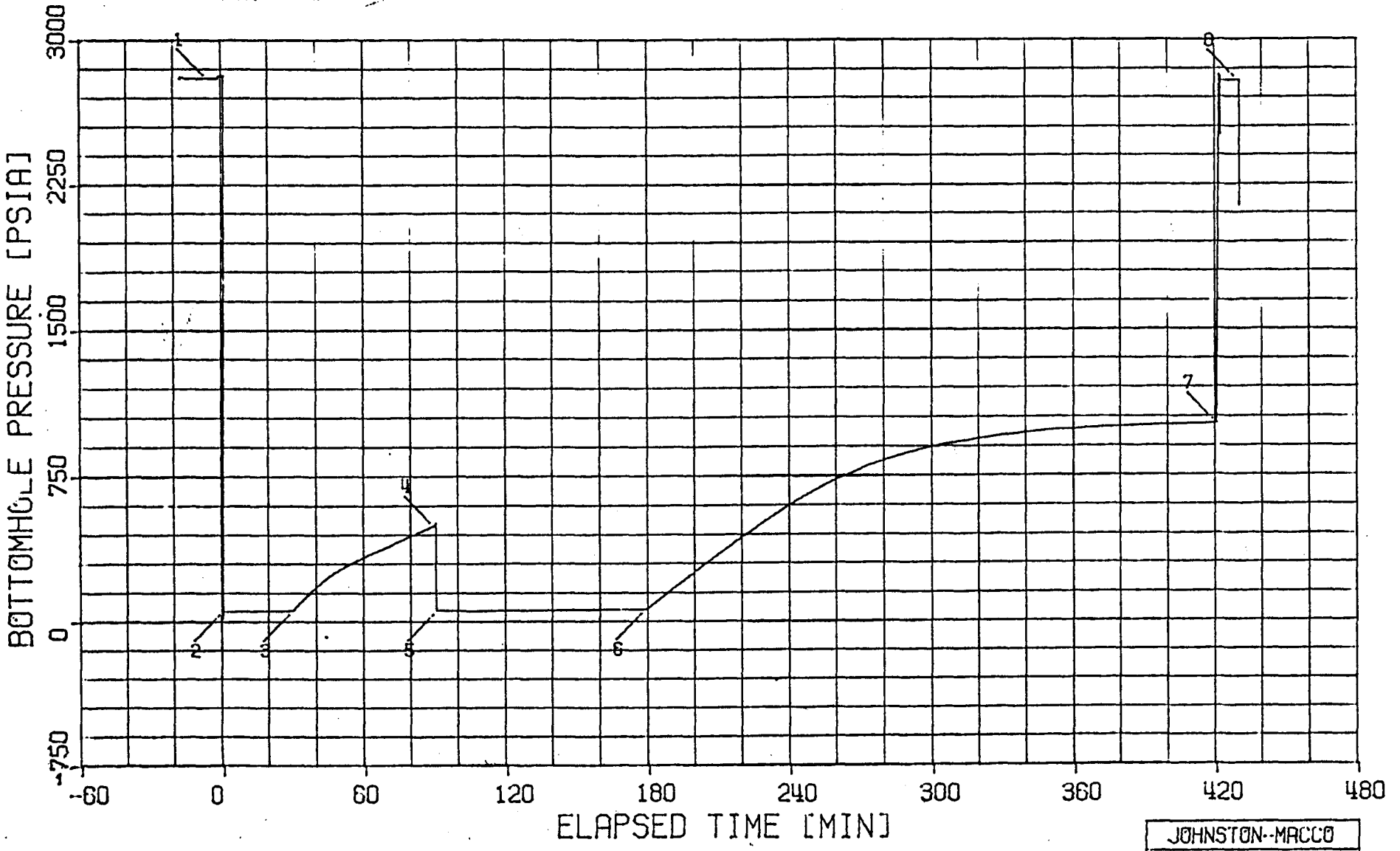


JS—167

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 34219E
INSTRUMENT NO. J-1238
DEPTH : 5960 FT.
CAPACITY : 4700 PSI
PORT OPENING : OUTSIDE

COMPANY : DAVIS OIL COMPANY
WELL : OLES FEDERAL #1E



JOHNSTON-MACCO
SCHLUMBERGER

WELL TEST DATA PRINTOUT

FIELD REPORT # : 34219E

COMPANY : DAVIS OIL COMPANY
WELL : OLES FEDERAL #1E

INSTRUMENT # : J-1238
CAPACITY [PSI] : 4700.
DEPTH [FT] : 5960.0
PORT OPENING : OUTSIDE
TEMPERATURE [DEG F] : 128.0

LABEL POINT INFORMATION

#	TIME OF DAY HH:MM:SS	DATE DD-MM	EXPLANATION	ELAPSED TIME,MIN	BOT HOLE PRESSURE PSIA
1	23:59:42	15-JA	HYDROSTATIC MUD	-6.30	2807.21
2	0: 6: 0	16-JA	START FLOW	0.00	63.27
3	0:35:25	16-JA	END FLOW & START SHUT-IN	29.42	60.67
4	1:35:13	16-JA	END SHUT-IN	89.21	499.05
5	1:36:27	16-JA	START FLOW	90.45	60.67
6	3: 4:39	16-JA	END FLOW & START SHUT-IN	178.65	60.20
7	7: 6: 0	16-JA	END SHUT-IN	420.00	1017.61
8	7:15: 2	16-JA	HYDROSTATIC MUD	429.04	2791.88

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME,MIN	END ELAPSED TIME,MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA
1	0.00	29.42	29.42	63.27	60.67
2	90.45	178.65	88.20	60.67	60.20

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME,MIN	END ELAPSED TIME,MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	29.42	89.21	59.79	60.67	499.05	60.67	29.42
2	178.65	420.00	241.35	60.20	1017.61	60.20	117.62

TEST PHASE : FLOW PERIOD # 1

TIME OF DAY HH:MM:SS	DATE DD-MM	ELAPSED TIME,MIN	DELTA TIME,MIN	BOT HOLE PRESSURE PSIA
0: 6: 0	16-JA	0.00	0.00	63.27
0:11: 0	16-JA	5.00	5.00	58.05
0:16: 0	16-JA	10.00	10.00	58.83
0:21: 0	16-JA	15.00	15.00	59.47
0:26: 0	16-JA	20.00	20.00	59.68
0:31: 0	16-JA	25.00	25.00	60.16
0:35:25	16-JA	29.42	29.42	60.67

TEST PHASE : SHUTIN PERIOD # 1
FINAL FLOW PRESSURE [PSIA] = 60.67
PRODUCING TIME [MIN] = 29.42

TIME OF DAY HH:MM:SS	DATE DD-MM	ELAPSED TIME,MIN	DELTA TIME,MIN	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
0:35:25	16-JA	29.42	0.00	60.67	0.00	
0:36:25	16-JA	30.42	1.00	74.44	13.77	1.483
0:37:25	16-JA	31.42	2.00	87.87	27.20	1.196
0:38:25	16-JA	32.42	3.00	100.34	39.67	1.034
0:39:25	16-JA	33.42	4.00	112.63	51.96	0.922
0:40:25	16-JA	34.42	5.00	124.96	64.29	0.838
0:41:25	16-JA	35.42	6.00	137.68	77.01	0.771
0:42:25	16-JA	36.42	7.00	151.05	90.38	0.716
0:43:25	16-JA	37.42	8.00	163.22	102.55	0.670
0:44:25	16-JA	38.42	9.00	173.85	113.18	0.630
0:45:25	16-JA	39.42	10.00	184.65	123.98	0.596
0:47:25	16-JA	41.42	12.00	205.57	144.90	0.538
0:49:25	16-JA	43.42	14.00	224.98	164.31	0.492
0:51:25	16-JA	45.42	16.00	242.89	182.22	0.453
0:53:25	16-JA	47.42	18.00	258.77	198.10	0.421
0:55:25	16-JA	49.42	20.00	272.85	212.18	0.393
0:57:25	16-JA	51.42	22.00	286.15	225.48	0.369
0:59:25	16-JA	53.42	24.00	298.90	238.23	0.347
1: 1:25	16-JA	55.42	26.00	311.11	250.44	0.329
1: 3:25	16-JA	57.42	28.00	323.32	262.65	0.312
1: 5:25	16-JA	59.42	30.00	335.49	274.82	0.297
1:10:25	16-JA	64.42	35.00	363.56	302.89	0.265
1:15:25	16-JA	69.42	40.00	390.31	329.64	0.239
1:20:25	16-JA	74.42	45.00	418.70	358.03	0.218
1:25:25	16-JA	79.42	50.00	447.10	386.43	0.201
1:30:25	16-JA	84.42	55.00	475.53	414.86	0.186
1:35:13	16-JA	89.21	59.79	499.05	438.38	0.174

TEST PHASE : FLOW PERIOD # 2

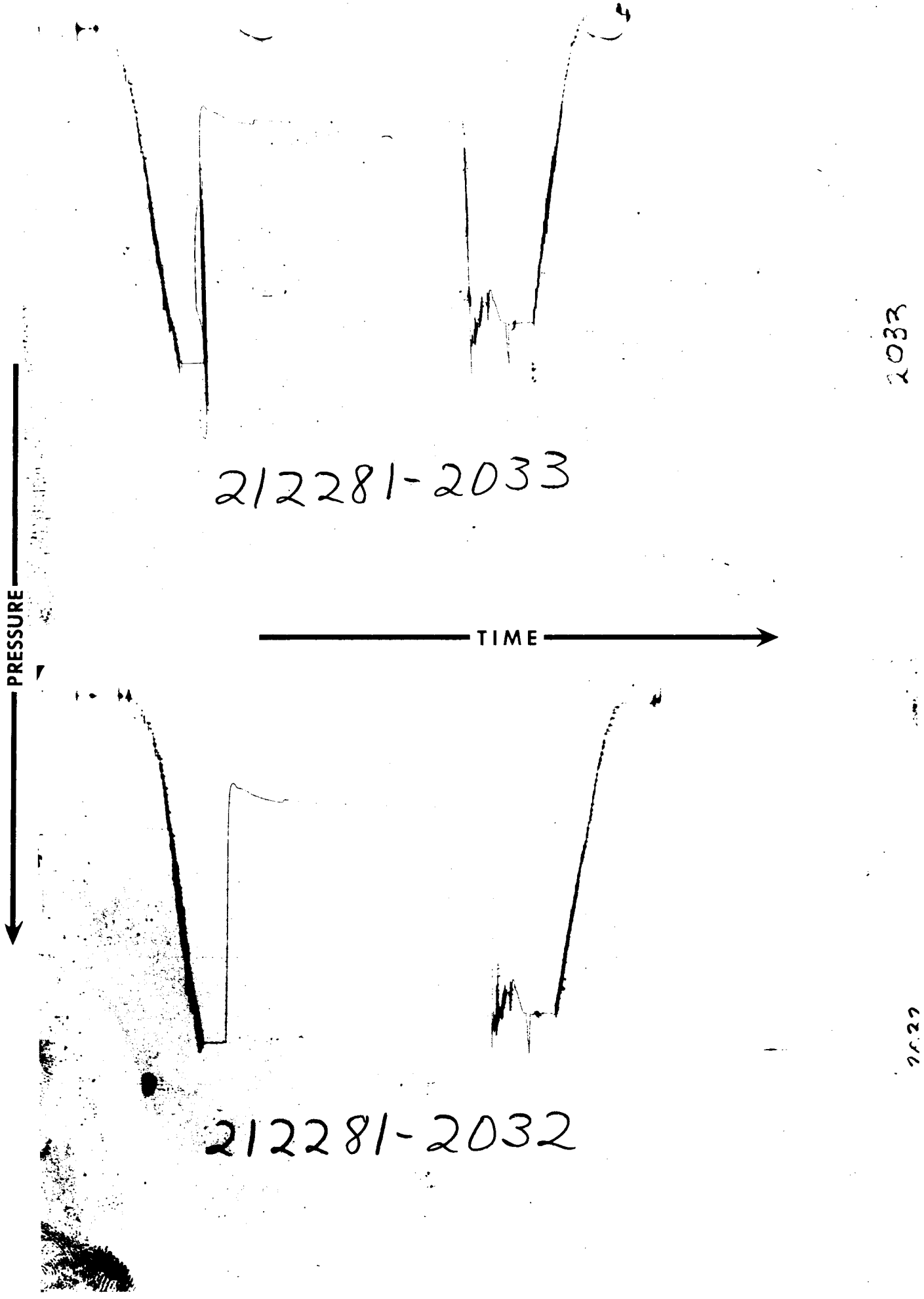
TIME OF DAY HH:MM:SS	DATE DD-MM	ELAPSED TIME,MIN	DELTA TIME,MIN	BOT HOLE PRESSURE PSIA
1:36:27	16-JA	90.45	0.00	60.67
1:41:27	16-JA	95.45	5.00	59.78
1:46:27	16-JA	100.45	10.00	58.60
1:51:27	16-JA	105.45	15.00	59.20
1:56:27	16-JA	110.45	20.00	60.37
2: 1:27	16-JA	115.45	25.00	60.50
2: 6:27	16-JA	120.45	30.00	59.74
2:11:27	16-JA	125.45	35.00	59.02
2:16:27	16-JA	130.45	40.00	59.02
2:21:27	16-JA	135.45	45.00	59.02
2:26:27	16-JA	140.45	50.00	59.19
2:31:27	16-JA	145.45	55.00	59.60
2:36:27	16-JA	150.45	60.00	59.97
2:41:27	16-JA	155.45	65.00	60.06
2:46:27	16-JA	160.45	70.00	60.14
2:51:27	16-JA	165.45	75.00	60.27
2:56:27	16-JA	170.45	80.00	60.52
3: 1:27	16-JA	175.45	85.00	60.50
3: 4:39	16-JA	178.65	88.20	60.20

TEST PHASE : SHUTIN PERIOD # 2
FINAL FLOW PRESSURE [PSIA] = 60.20
PRODUCING TIME [MIN] = 117.62

TIME OF DAY HH:MM:SS	DATE DD-MM	ELAPSED TIME,MIN	DELTA TIME,MIN	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
3: 4:39	16-JA	178.65	0.00	60.20	0.00	
3: 5:39	16-JA	179.65	1.00	69.18	8.98	2.074
3: 6:39	16-JA	180.65	2.00	79.57	19.37	1.777
3: 7:39	16-JA	181.65	3.00	88.41	28.21	1.604
3: 8:39	16-JA	182.65	4.00	97.73	37.53	1.483
3: 9:39	16-JA	183.65	5.00	107.35	47.15	1.390
3:10:39	16-JA	184.65	6.00	116.91	56.71	1.314
3:11:39	16-JA	185.65	7.00	126.06	65.86	1.250
3:12:39	16-JA	186.65	8.00	135.39	75.19	1.196
3:13:39	16-JA	187.65	9.00	145.23	85.03	1.148
3:14:39	16-JA	188.65	10.00	154.82	94.62	1.106
3:16:39	16-JA	190.65	12.00	172.95	112.75	1.033
3:18:39	16-JA	192.65	14.00	191.03	130.83	0.973
3:20:39	16-JA	194.65	16.00	210.05	149.85	0.922
3:22:39	16-JA	196.65	18.00	229.06	168.86	0.877
3:24:39	16-JA	198.65	20.00	247.52	187.32	0.838
3:26:39	16-JA	200.65	22.00	266.43	206.23	0.803
3:28:39	16-JA	202.65	24.00	284.35	224.15	0.771
3:30:39	16-JA	204.65	26.00	302.49	242.29	0.742

TEST PHASE : SHUTIN PERIOD # 2
FINAL FLOW PRESSURE [PSIA] = 60.20
PRODUCING TIME [MIN] = 117.62

TIME OF DAY HH:MM:SS	DATE DD-MM	ELAPSED TIME,MIN	DELTA TIME,MIN	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
3:32:39	16-JA	206.65	28.00	321.05	260.85	0.716
3:34:39	16-JA	208.65	30.00	340.24	280.04	0.692
3:39:39	16-JA	213.65	35.00	384.20	324.00	0.640
3:44:39	16-JA	218.65	40.00	429.96	369.76	0.596
3:49:39	16-JA	223.65	45.00	473.60	413.40	0.558
3:54:39	16-JA	228.65	50.00	516.62	456.42	0.525
3:59:39	16-JA	233.65	55.00	557.20	497.00	0.497
4: 4:39	16-JA	238.65	60.00	596.10	535.90	0.471
4:19:39	16-JA	253.65	75.00	700.13	639.93	0.410
4:34:39	16-JA	268.65	90.00	782.75	722.55	0.363
4:49:39	16-JA	283.65	105.00	849.31	789.11	0.326
5: 4:39	16-JA	298.65	120.00	898.69	838.49	0.297
5:19:39	16-JA	313.65	135.00	932.53	872.33	0.272
5:34:39	16-JA	328.65	150.00	959.19	898.99	0.251
5:49:39	16-JA	343.65	165.00	980.32	920.12	0.234
6: 4:39	16-JA	358.65	180.00	994.29	934.09	0.218
6:19:39	16-JA	373.65	195.00	1002.30	942.10	0.205
6:34:39	16-JA	388.65	210.00	1009.39	949.19	0.193
6:49:39	16-JA	403.65	225.00	1013.59	953.39	0.183
7: 4:39	16-JA	418.65	240.00	1017.26	957.06	0.173
7: 6: 0	16-JA	420.00	241.35	1017.61	957.41	0.172



Each Horizontal Line Equal to 1000 p.s.i.

A GEOSCIENCE EXTENSION OF XCO

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

DAVIS OIL CO.

OLES-FEDERAL NO.1

SE NW SECTION 15, T38S, R24E

SAN JUAN COUNTY, UTAH

RECEIVED
FEB 16 1982
DIVISION OF
OIL, GAS & MINING

GEOLOGIST: John Dietz,
GX Consultants

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RESUME

OPERATOR:	Davis Oil Co.
WELL NAME & NUMBER:	Oles-Federal No. 1
LOCATION:	SE NW Section 15, T38S, R24E
COUNTY:	San Juan
STATE:	Utah
SPUD DATE:	December 31, 1981
COMPLETION DATE (TD):	January 17, 1982
ELEVATIONS:	5,141' GL 5,155' KB
TOTAL DEPTH:	6,031' LOGS 6,038' DRLR
CONTRACTOR:	Brinkerhoff-Signal
RIG:	#79
TYPE RIG:	National 350
PUMPS:	Gardner-Denver PZ-7 7" Stroke Length, 6" Liner
GEOLOGIST:	John Dietz, GX Consultants
ENGINEER:	Elmer Combs, Leo Lewis
TOOL PUSHER:	Dave Weisgerber
TYPE DRILLING MUD:	Gel-Chem, Low-Solids-Non-Dispersed
MUD COMPANY:	Baroid
MUD ENGINEER:	Spencer Powell
HOLE SIZES:	12¼" to 1,850', 8-3/4" to T.D.
CASING:	9-5/8" set at 1,850', 5½" set at 6,038'
MUD LOGGING BY:	Tooke Engineering - Tim Hassell
TYPE UNIT:	One man unit w/ chromatograph and hotwire.
CORE INTERVALS:	5,950' - 5,986'
DST DEPTHS:	#1: 5,608' - 5,630', #2: 5,954' - 5,986'
DST COMPANY:	#1: Halliburton, #2: Johnston-Macco
ELECTRIC LOGS BY:	Schlumberger (Farmington)
TYPE LOGS RUN:	Dual Induction-SFL 1,851' - T.D. CNL-FDC 4,500' - T.D. BHC Sonic 1,851 - T.D.
LOGGING ENGINEER:	Jim Keane
BOTTOM FORMATION:	Paradox Salt
WELL STATUS:	Casing run for possible production.

SUMMARY AND CONCLUSIONS

Davis Oil Oles Federal #1 was drilled to a total depth of 6,038', stopping at the top of the Paradox Salt. The primary objective of the well was the porosity zone in the lower Desert Creek, and this zone was cored. Oles Federal No. 1 is approximately 256' northwest of Reynolds Hatch Ltd. Federal #4, which produced from the Desert Creek for several years before being plugged in 1967.

An unexpected porosity zone was encountered in the Honaker Trail Formation at 5,616' - 5,620'. A drilling break occurred here and the returning mud became oil-cut and heavily gas-cut. Sample inspection found a DOLOMITE - lt-dk brn, v f-med xln with fair-good rhombic porosity, some good brn stain. DST #1 was conducted from 5,608' - 5,630', with drill pipe recovery of 4,000' of gas-cut oil, gas to surface after 15 minutes. The pressure from the oil in the drill pipe essentially equalized the formation pressure during the initial flow period, making the shut-in curves inconclusive for determining amount of depletion and extent of the reservoir.

The Desert Creek Porosity Zone was topped at 5,964'. Core Analysis showed good oil saturation and porosity in the upper part of this zone, but with poor permeability. It is hoped that the zone can be successfully treated to improve the permeability enough to make it productive. Hence, a decision was made to run casing for possible production.

FORMATION TOPS

FORMATION	DAVIS OIL CO. OLES-FED. #1 15-38S-24E KB = 5,155'		DAVIS OIL MONTEZUMA CREEK FED. #1 14-38S-24E KB = 5,062'		REYNOLDS HATCH LTD. FED. #4 15-38S-24E KB = 5,145'	
	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM
Hermosa Group	4,702	(+453)	4,624	(+438)	--	--
Upper Ismay	5,701	(-546)	5,626	(-564)	5,704	(-559)
Lower Ismay	5,812	(-657)	5,740	(-678)	--	--
Gothic Shale	5,878	(-723)	5,794	(-732)	5,881	(-736)
Desert Creek	5,908	(-753)	5,828	(-766)	5,912	(-767)
Desert Creek Ø Zone	5,968	(-813)	5,877	(-815)	5,966	(-821)

WELL HISTORY

1981-1982 DATE	8:00 A.M. DEPTH	ACTIVITY
12-31	405	Drilling, work on conductor pipe, drilling.
1-1	936	Drilling, Trip for NB #2, Drilling.
1-2	1,827	Drilling, run 9-5/8" casing, wait on cement.
1-3	1,850	Wait on cement, nipple up, drilling.
1-4	2,283	Drilling.
1-5	2,933	Drilling.
1-6	3,271	Drilling, trip for bit, drilling.
1-7	3,770	Drilling.
1-8	4,174	Drilling.
1-9	4,585	Drilling.
1-10	4,943	Drilling, Trip for NB #5.
1-11	5,225	TIH with NB #5, ream 60', drilling.
1-12	5,525	Drilling, circulate for DST #1, TOH for DST #1.
1-13	5,630	TIH for DST, conduct DST #1 5,608'-5,630', drilling.
1-14	5,760	Drilling, circulate for core, TOH.
1-15	5,950	TIH, core 5,950'-5,986', TOH, TIH for DST #2.
1-16	5,986	Conduct DST #2 5,954'-5,986', TOH, circulate for DST #3, TOH, tight spots 2,700'-3,000', (cancel DST #3) TIH, drilling.
1-17	6,038	T.D. at 6,038' at 12:30 A.M., condition mud, TOH for E-logs, E-Logs could not get to bottom TIH, circulate, TOH.
1-18	6,038	Run E-Logs, wait on orders, run 5½" casing.

MUD RECORD

MUDDED UP AT 2,500 ON 1-5-82

1982 DATE	DEPTH	WT.	F.VIS.	P.VIS.	YIELD	GEL STRNT	PH	FILTR	CK.	ALKA.	SALT	CHLO	CALCIUM	GYP / SAND	SOLID/%WTR.	CUMULATIVE COST
1-5	2600	8.4	29	3	1	1/1	10.5	--	--	--	--	800	200	--	1/99	2272
1-6	3200	8.5	34	6	3	2/6	8.5	10.4	--	--	--	1000	120	--	1/99	3350
1-7	3730	8.6	32	4	1	1/4	7.5	12.8	--	--	--	900	100	--	2/98	4739
1-8	4130	8.8	34	7	2	1/9	10.0	10.4	--	--	--	1000	80	--	4/96	5839
1-9	4550	8.6	33	6	2	1/3	9.5	8.4	--	--	--	1000	100	--	2/98	6020
1-10	4900	9.0	34	8	5	1/3	9.5	10.2	--	--	--	1400	40	--	4/96	8518
1-11	5190	9.1	34	10	5	1/8	10.0	10.5	--	--	--	2000	40	--	5/95	10679
1-12	5500	9.2	35	4	5	1/9	11.0	10.0	--	--	--	1800	20	--	6/94	11958
1-13	5630	9.2	36	11	6	1/10	11.0	10.8	--	--	--	1800	20	--	6/94	12627
1-14	5740	9.2	35	8	2	1/4	10.5	10.4	--	--	--	1800	40	--	5/95	13315
1-15	5952	9.1	36	8	8	6/15	9.5	14.0	--	--	--	2300	180	--	5/95	13923
1-16	5985	9.1	36	7	6	3/12	7.0	14	--	--	--	2200	220	--	5/95	16652
1-17	6038	9.3	60	12	8	5/12	9.5	10	--	--	--	2600	300	--	4/96	18452

BIT RECORD

NO.	MAKE	TYPE	SIZE	IN	OUT	FOOTAGE	HRS.
1	STC	F-2	12¼		1,389	1,389	43½
2	HTC	J-22	12¼	1,349	1,850	501	10½
3	STC	F-33	8-3/4	1,850	3,242	1,392	55¼
4	HTC	J-33-H	8-3/4	3,242	5,167	1,925	107½
5	STC	F-3	8-3/4	5,167	6,038	871	63-3/4

DIRECTIONAL SURVEY

DEPTH	DEVIATION		DEPTH	DEVIATION		DEPTH	DEVIATION
1,849	1½°						
2,361	3/4°						
2,860	1°						
3,243	1°						
3,755	3/4°						
4,223	3/4°						
4,731	3/4°						
5,172	1°						
5,630	1°						
5,952	1°						
6,038	1°						

DRILLING FUNCTIONS

(Include air pressure if air drilled hole)

DATE	DEPTH	W.O.B.	R.P.M.	P.P.
1-9-82	4,585	40	65	1,200
1-10-82	4,940	40	60	1,200
1-11-82	5,225	40	65	1,200
1-12-82	5,525	40	65	1,300
1-13-82	5,700	40	65	1,400
1-14-82	5,800	40	65	1,400
1-15-82	5,950	20	65	2,750
1-16-82	6,000	40	60	1,400

DRILL STEM TEST #1

Formation:	Honaker Trail
Interval:	5,608' to 5,630'
Reason for Test:	Drilling break 5,616' - 5,620', with strong oil skim at shaker, mud heavily gas-cut.
Type Test:	Conventional On-Bottom
Testing Company:	Halliburton
Tester:	Dave Davis
Water Cushion:	None
IF 34 Minutes:	Open w/ strong blow, gas to surface in 15 min, 40 lbs. psi on ¼" choke, decrease to 20 lbs. psi on 5/32" choke after 20 min., decreased to 17 oz. psi or 1/8" choke after 30 min.
ISI 61 Minutes:	--
FF 60 Minutes:	Open w/ 10 oz. on 1/8" choke, increased to 12 oz. psi on 1/8" choke after 45 min., close tool after 60 min. w/ 14 oz. psi, approx. 3' flare burned for duration of final flow.
FSI 300 Minutes:	3' flare burned for duration of final shut-in.
Recovery:	4,000' gas-cut oil, 40 gravity @ 60°F
Bottom Hole Sampler:	Pressure: 550 lbs. psi Recovery: 3.2 cu. ft. gas, 1,600' cc oil
Resistivity Data:	No resistivity tests performed.

Pressures:

Top Chart (5,587')			Bottom Chart (5,627')		
IH:	2,627		IH:	2,666	
IF:	1,040 to	687	IF:	1,105 to	705
ISI:	771 to	--	ISI:	790 to	--
FF:	746 to	771	FF:	772 to	793
FSI:	801 to	--	FSI:	829 to	--
FH:	2,377		FH:	2,420	

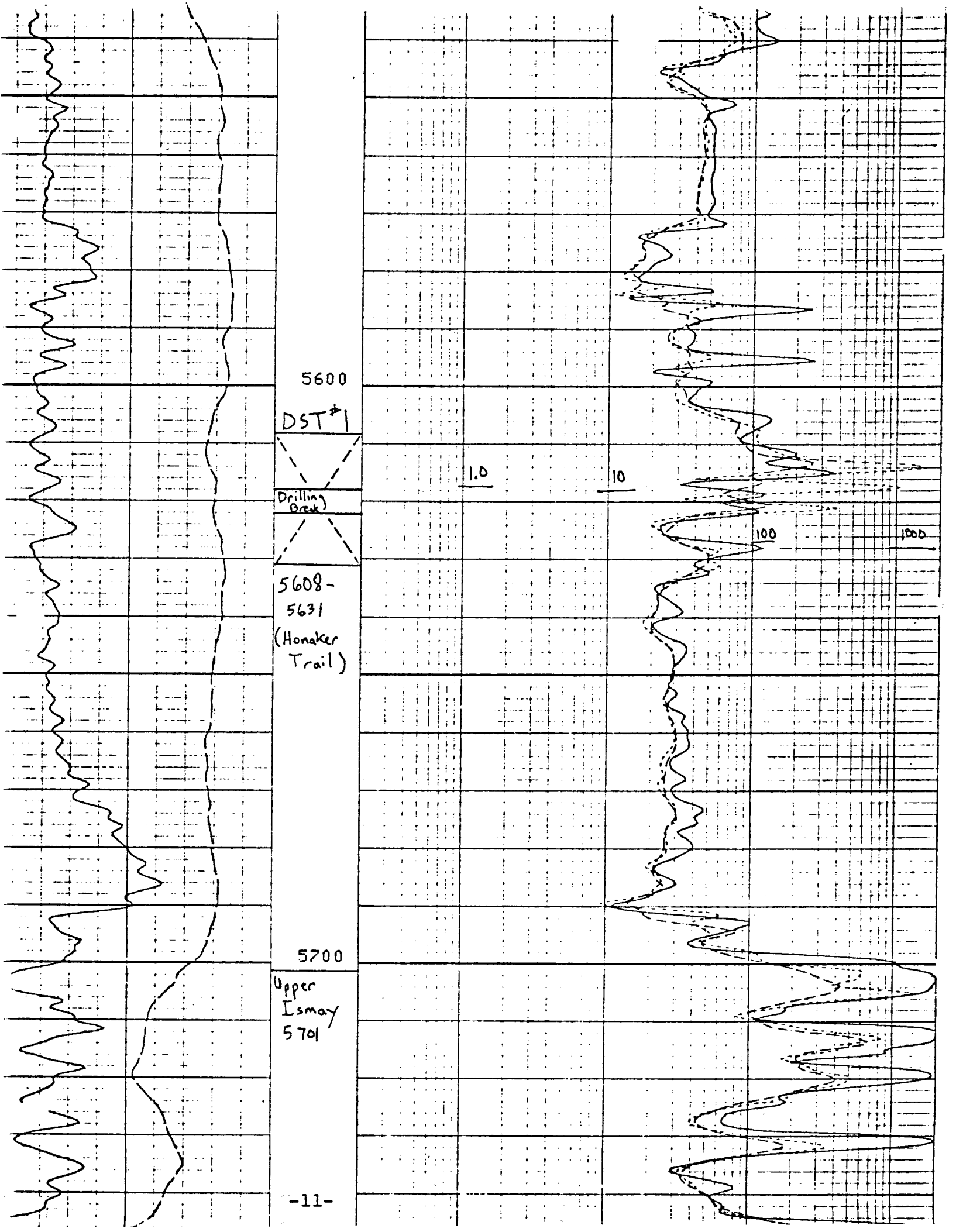
Top Choke: Variable Bottom Choke: .75"

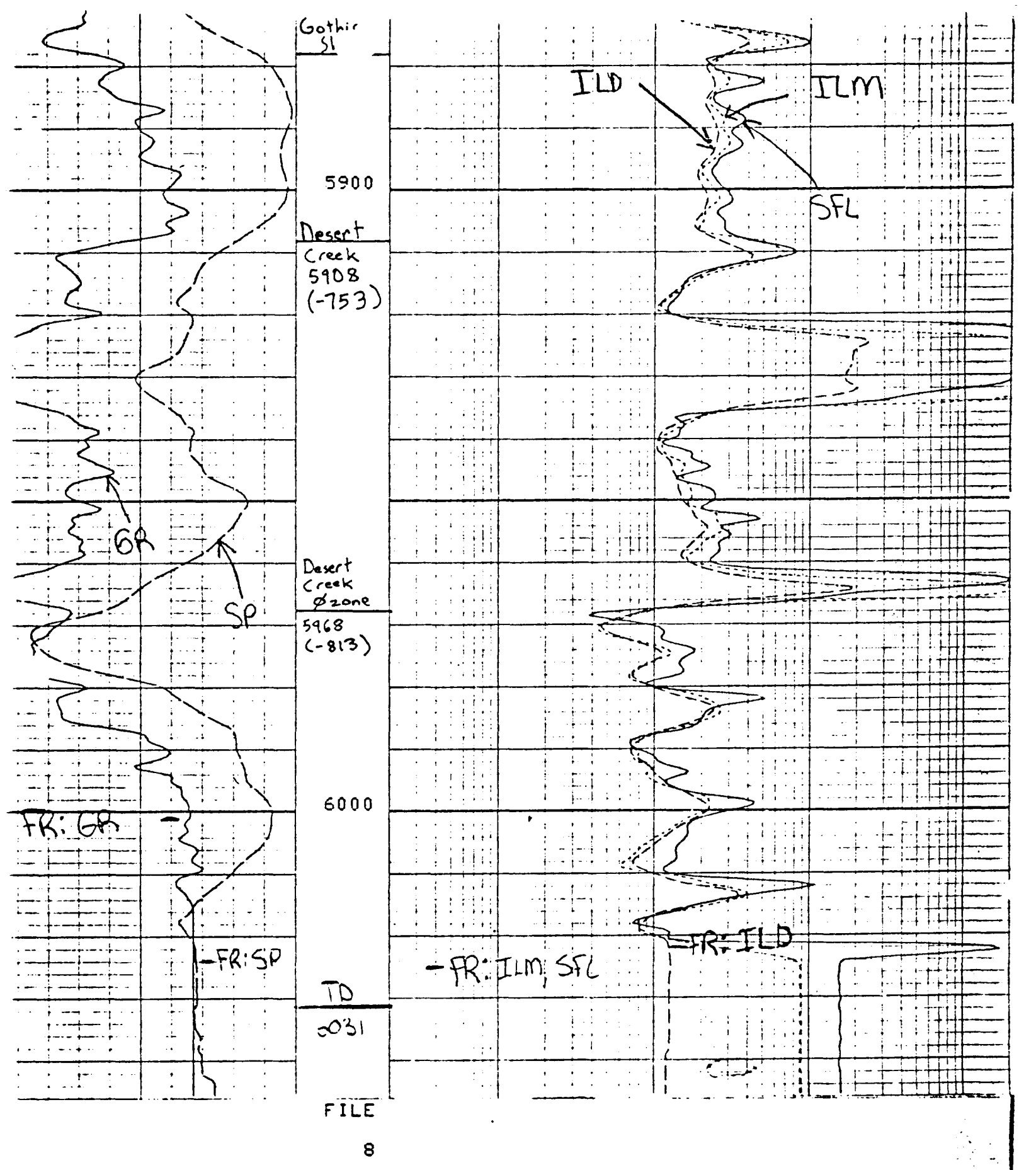
Bottom Hole Temperature: 124°

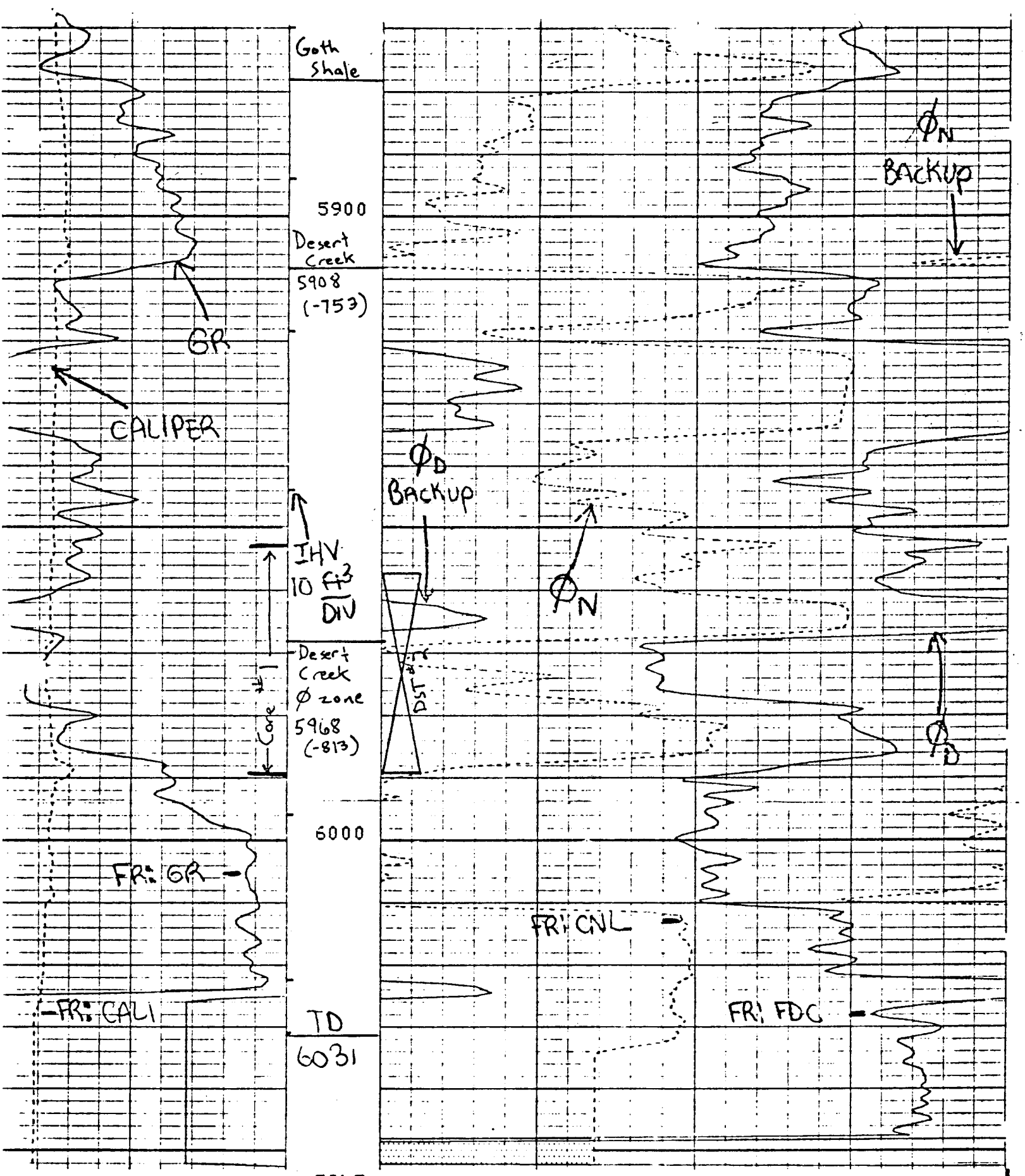
Additional Remarks: Good permeability of formation caused rapid recovery in drill pipe until formation pressure was equalized; this makes shut-in pressure curves difficult to interpret for depletion.

DRILL STEM TEST #2

Formation:	Desert Creek
Interval:	5,954' to 5,986'
Reason for Test:	Oil show in porosity zone of core.
Type Test:	Conventional On-Bottom
Testing Company:	Johnston-Macco
Tester:	Keith Koerner
Water Cushion:	None
IF 30 Minutes:	Open tool w/ weak blow in bucket, 4 oz. psi in 4 min., 8½ oz. after 17 min., 12 oz. psi after 30 min.,(closed chamber test -- flare line frozen and plugged).
ISI 60 Minutes:	Flare line thawed and unplugged.
FF 90 Minutes:	Blow to bottom of bucket after one minute, 7 oz. psi after 3 min., 1 oz. after 17 min., blow died after 22 minutes, no flammable gas to surface.
FSI 240 Minutes:	--
Recovery:	70' slightly gas-cut mud.
Bottom Hole Sampler:	Pressure: 50 psi Recovery: .4 cut. ft. gas, 1,700' cc mud
Resistivity Data:	Drill Pipe Recovery: .50 @ 73°F 1,050 PPM Cl Sampler: 8.5 @ 60°F 2,000 PPM Cl Mud Pit: .54 @ 60°F 2,200 PPM Cl
Pressures:	Bottom Chart (5,960') IH: 2,807 IF: 63 to 60 ISI: 499 to -- FF: 60 to 60 FSI: 1,017 to -- FH: 2,791
Top Choke:	¼" Bottom Choke: 15/16"
Bottom Hole Temperature:	128°F
Additional Remarks:	Initial flow was a closed-chamber flow because flare line was plugged (discovered at end of final flow).


5600
DST #1
Drilling Break
5608-
5631
(Honaker Trail)
5700
Upper Ismay
5701
1.0
10
100
1000


Gothic Sl
5900
Desert Creek 5908 (-753)
Desert Creek Ø zone 5968 (-813)
6000
TD
ILD
ILM
SFL
GR
SP
FR: GR
FR: SP
FR: ILM, SFL
FR: ILD
FILE
8
GR (GAPI)
.0
200.0
SP (MV)
100.0
0.0
-12-
ILD (OHMM)
0.2000
2000.
ILM (OHMM)
0.2000
2000.
SFLU(OHMM)
0.2000
2000.



FILE

15

CALI(IN)		DPHI(2.71)
.000 16.00		0.3000 -0.100
GR (GAPI)	-13-	NPHI(LS)

LITHOLOGY

4,500-4,540	SHALE and LIMESTONE - brn, orng-red, mod hd, sl-mod calc, much micaceous, no show, SHALE occ gn.
4,540-4,550	(50%) SANDSTONE - wh-tan, clear, ltbrn, v f gr, sbang-sbrd, w srtd, weak calc cmt, arkosic, NSFOC. (50%) SHALE and SILTSTONE - as above.
4,550-4,570	SILTSTONE and SHALE - brn, orng-red, mod hd, sl-mod calc, micaceous, no show.
4,570-4,580	(50%) SANDSTONE - ltgn, clear, tan, v f gr, sbang, mod w srtd, some sl micaceous , sl arkosic, weak calc cmt, NSFOC. (50%) SILTSTONE and SHALE - as above.
4,580-4,600	(80%) SILTSTONE and SHALE - gy, red-brn, orng, much micaceous, sl-mod calc. (20%) SANDSTONE - as above.
4,600-4,620	(90%) SILTSTONE - gy, much micaceous, mod-v calc. (10%) LIMESTONE - dkgn, mod hd, crpxl, micritic, no vis Ø, NSFOC.
4,620-4,660	SILTSTONE and SHALE - red-brn, maroon, orng, mod hd, micaceous, mod calc, no show.
4,660-4,690	SILTSTONE - gy, red-brn, maroon, mod hd, much micaceous, some grdg to vf gr SANDSTONE, mod calc, no show.
4,690-4,700	(70%) SILTSTONE - as above. (30%) LIMESTONE - wh, tan, mod hd, crpxl, no vis Ø, some chalky, clean, NSFOC.
4,700-4,710	LIMESTONE - dkgn, some cream, mod hd, crpxl, micritic, no vis Ø, clean, NSFOC.
4,710-4,720	SILTSTONE - orng-red, brn, mod hd, occ micaceous, sl-mod calc, no show.
4,720-4,750	(60%) SANDSTONE - wh-clear, composed of ANHYDRITE grains, v f gr, weak calc cmt, sbang-sbrd, well srtd, NSFOC. (40%) SILTSTONE - as above.
4,750-4,760	No Sample.
4,760-4,770	CHERT - dkgy, smoky, v hd, crpxl.
4,770-4,790	LIMESTONE - wh-cream, lt tan, mod hd, crpxl, no vis Ø, clean, NSFOC.
4,790-4,800	SHALE - orng-red, gy, blocky, silty, sl-mod calc.
4,800-4,810	(40%) SHALE - as above. (60%) LIMESTONE - dk gn-brn, mod hd, crpxl, micritic, no vis Ø, NSFOC, clean.

LITHOLOGY (CONTINUED)

4,810-4,820	(Poor sample quality) SILTSTONE - red-brn, mod calc, no show.
4,820-4,860	(60%) SANDSTONE - tan, vf gr, sbang, well srtd, arkosic, weak calc cmt, NSFOC. (40%) SILTSTONE - as above.
4,860-4,890	DOLOMITE - m-dkgy, crpxl-micxl, much micaceous, silty, p vis Ø, NSFOC.
4,890-4,910	LIMESTONE - cream-lt gn, crpxl, occ chalky, clean, no vis Ø, NSFOC.
4,910-4,930	(50%) SILTSTONE - dkgn, orng-brn, mod hd, mod-v calc, some grdg to v f gr SANDSTONE. (50%) LIMESTONE - as above.
4,930-4,950	SILTSTONE and SHALE - orng-brn, gy, mod calc, no show.
4,950-4,980	(50%) SILTSTONE and SHALE - as above. (50%) SANDSTONE - tan-ltbrn, v f gr, sbrd, well srtd, arkosic, some lt brn stn, no flor or cut.
4,980-5,000	SHALE and SILTSTONE - orng, red-brn, gy, mod hd, mod calc, no show.
5,000-5,040	LIMESTONE - cream-lt tan, mod hd, crpxl, clean-sl arg, p vis Ø, NSFOC.
5,040-5,090	SHALE and SILTSTONE - gy, brn, orng, mod hd, sl-mod calc, occ micaceous, no show.
5,090-5,110	(40%) SHALE and SILTSTONE - as above. (60%) LIMESTONE - cream-tan, wh, crpxl, clean, dolomitic, NSFOC.
5,110-5,130	SILTSTONE - gy, maroon, orng-brn, mod calc.
5,130-5,140	DOLOMITE - brn, tan, mod hd, crpxl, no vis Ø, NSFOC.
5,140-5,170	No Samples Caught.
5,170-5,180	SHALE - gy, maroon, brn, sl fis, sl-mod calc.
5,180-5,200	(70%) SHALE - gy-gn, dk gy, brn, blocky, mod calc, some silty. (30%) LIMESTONE - wh-cream, tan-lt brn, crpxl, some wh chalky, clean-sl arg, p vis Ø, NSFOC.
5,200-5,220	SHALE and SILTSTONE - m-dkgy, lt brn, blocky, mod calc, SILTSTONE micaceous, no show, some SILTSTONE grdg to v f gr SANDSTONE.

LITHOLOGY (CONTINUED)

5,220-5,230	(60%) SHALE and SILTSTONE - as above. (40%) SANDSTONE - tan-ltbrn, vf gr, sbang-sbrd, well srtd, arkosic, weak calc cmt, NSFOC.
5,230-5,250	LIMESTONE - cream-ltgy, gn-brn, sft-mod hd, platy, crpxl, clean-sl arg, dolomitic, p vis Ø, NSFOC.
5,250-5,260	(50%) LIMESTONE - as above. (50%) DOLOMITE - dkgy-blk, mod hd, crpxl, v arg grdg to dolomitic SHALE, p vis Ø, NSFOC.
5,260-5,280	DOLOMITIC - as above.
5,280-5,290	(30%) LIMESTONE - tan-ltbrn, cream, lt gn, crpxl, clean-sl arg, p vis Ø, NSFOC. (70%) SHALE - gy, orng-red, red-brn, blocky, mod calc.
5,290-5,310	SHALE - as above.
5,310-5,320	LIMESTONE - gn-brn, tan, mod hd-hd, crpxl, dolomitic, much tan siliceous grdg to CHERT, NSFOC.
5,320-5,340	DOLOMITE - dk brn, gn-brn, crpxl, v arg grdg to dolomitic SHALE, mod hd-hd, p vis Ø, NSFOC.
5,340-5,350	DOLOMITE - tan-lt brn, crpxl, mod hd, clean-sl arg, p vis Ø, NSFOC.
5,350-5,360	SHALE - gy-dk brn, sl fis, sl-mod calc.
5,360-5,370	SANDSTONE - clear-ltgy, s and p, v f-f gr, sbrd, mod well srtd, weak calc cmt, sl arg, NSFOC.
5,370-5,400	LIMESTONE - gn-brn, dk gy, dk brn, mod hd, crpxl, platy, no vis Ø, sl-mod arg, dolomitic, NSFOC.
5,400-5,410	LIMESTONE - gen as above, some tan.
5,410-5,430	DOLOMITE - dk brn, mod hd, platy, mod - v arg, p vis Ø, NSFOC.
5,430-5,440	SHALE - dkgy, dk brn, gen fis, sft-mod hd.
5,440-5,490	LIMESTONE - gn-brn, tan-lt brn, cream, gy, mod hd, brit, crpxl, clean, dolomitic, p vis Ø, NSFOC.
5,490-5,500	DOLOMITE - dk gn-brn, crpxl, sl-mod arg, no vis Ø, NSFOC.
5,500-5,510	(50%) DOLOMITE - as above. (50%) SHALE - orng-brn, blocky, mod hd, silty.
5,510-5,520	DOLOMITE - dk brn, mod hd, sl arg, p vis Ø, NSFOC.
5,520-5,530	DOLOMITE - wh-cream, v f xln, microsucrosic texture, fair vis Ø, NSFOC.

LITHOLOGY (CONTINUED)

5,530-5,590 DOLOMITE - dk tan, dk gn-brn, crpxl, mod hd, p vis Ø, clean-sl arg, NSFOC.

5,590-5,600 DOLOMITE - gen as above, incr arg.

5,600-5,610 (60%) DOLOMITE - as above.
(40%) SANDSTONE - wh-cream, tan, v f gr, composed of ANHYDRITE grains, well srtd, calc cmt, NSFOC.

5,610-5,620 DOLOMITE - lt-dk brn, vf-med xln, sl arg, fair-good vis Ø, many DOLOMITE rhombs, some good brn stn, flor and cut tests unavailable due to contamination of entire sample with oil (oil at SHALE shaker).

5,620-5,630 No Samples Caught.

5,630-5,650 Poor Samples, Abundant Cavings. DOLOMITE - dk gy, dk brn, crpxl, sl-mod arg, p vis Ø, NSFOC.

5,650-5,690 DOLOMITE - m-dk brn, dk gy, crpxl-micxl, sl-mod arg, p vis Ø, NSFOC.

5,690-5,700 (50%) SHALE - dkgy-blk, blocky, mod calc.
(50%) DOLOMITE - as above.

5,700-5,710 SHALE and DOLOMITE - as above.
TR ANHYDRITE - wh-cream, crpxl, sft.

5,710-5,720 DOLOMITE - gn-brn, dk brn, m-dk gy, crpxl-micxl, mod arg, p vis Ø, no stn or flor, tr sl ring cut.
TR ANHYDRITE - as above.

5,720-5,750 DOLOMITE - gn-brn, dk brn, m-dkgy, mod hd, crpxl, some grdg to LIMESTONE , occ anhydritic, sl-mod arg, p vis Ø, NSFOC.
TR ANHYDRITE.

5,750-5,790 ANHYDRITE - wh-cream, sft, crpxl-v f xln (most dissolved into mud).

5,790-5,810 (30%) DOLOMITE - dk brn, crpxl-micxl, mod hd, mod arg, p vis Ø, NSFOC.
(70%) LIMESTONE - dkgy, dk gn-brn, crpxl, dol in pt, p vis Ø, sl-mod arg, NSFOC.

5,810-5,820 (50%) LIMESTONE - as above.
(50%) SHALE - m-dkgy, blocky, sft, sl calc.

5,820-5,850 (40%) SHALE - as above.
(60%) LIMESTONE - gy, gn-brn, cream-tan, crpxl, dol in pt, some cream chalky, p vis Ø, sl arg, NSFOC.

LITHOLOGY (CONTINUED)

5,850-5,860	ANHYDRITE - dissolved into mud.
5,860-5,880	DOLOMITE - cream-wh, brn, gy, crpxl-vf xln, mod hd, clean-sl arg, some grdg to LIMESTONE, p-fr vis Ø, some lt brn stn in v f xln, no flor, some sl ring cut.
5,880-5,910	SHALE - dkgy-blk, blocky-sl fis, mod hd, calc, occ fnt ring cut.
5,910-5,920	DOLOMITE - lt-dkbrn, dk gn-brn, some crpxl, most micxl - v f xln, mod hd, sl-mod arg, p vis Ø, NSFOC.
5,920-5,935	ANHYDRITE - wh, sft, xln, most dissolved into mud.
5,935-5,950	DOLOMITE - dk brn, dkgy, crpxl-micxl, sl-v arg, p-fr vis Ø, NSFOC.
5,950-5,986	SEE CORE #1.
5,986-6,000	Very Poor Samples, Abundant Cavings. (30%) DOLOMITE - dk gy, crpxl, mod hd, mod - v arg, p vis Ø, NSFOC. (70%) SHALE - m-dk brn, blocky, sft-mod hd.
6,000-6,020	SHALE - m-dk brn, black, blocky-sl fis, sft-mod hd, occ sl ring cut.
6,020-6,030	No Sample.
6,030-6,038	TR ANHYDRITE - wh, sft, xln. SHALE - m-dk brn, black, blocky, sft-mod hd, no cut.

CORE #1 : 5,950 - 5,986 Recovery: 35'

5,950 - 5,957½	DOLOMITE - dk gn-brn, hd, micxl, dense, sl arg, some anhydritic, p vis Ø, NSFOC.
5,957½-5,962-3/4	ANHYDRITE - dkgy, dk gn-brn, sft-mod hd, xln, dense.
5,962-2/4-5,964½	DOLOMITE - gn-brn, hd, micxl, mod-v arg, dense, p vis Ø, pyritic at top, some v arg and subfissile, NSFOC, some horizontal fractures at 5,964.
5,964½-5,966-2/3	DOLOMITE - dk brn, micxl, mod hd-hd, sl-mod arg, p-fr vis Ø, good petro-odor, weak yel flor, slow fair - g yel strmg cut.
5,966-2/3-5,969	DOLOMITE - gen as above, weak odor, no flor, slow p-fr strmg cut.
5,969-5,971	DOLOMITE - as above, with less cut (slow p strmg cut).
5,971-5,972	DOLOMITE - increase in odor, no flor, p-g strmg cut.
5,972-5,973	DOLOMITE - dk brn, micxl, mod hd-hd, sl-mod arg, p-fr vis Ø, weak odor, no flor, slow p strmg cut.
5,973-5,974	DOLOMITE - gen as above, much ANHYDRITE replacement, no odor, no flor, weak ring cut.
5,974-5,975½	DOLOMITE - dk brn, micxl, p vis Ø, no odor, v arg, no ANHYDRITE, NSFOC.
5,975½-5,977½	DOLOMITE - gen as above, sl-mod arg, p vis Ø, patchy flor and cut, oil bleeding, from pinhole vugs (most frequently 76-1/3 - 77½).
5,977½-5,982	DOLOMITE - dk brn, micxl, dense, p vis Ø, sl-mod arg, no vugs, no odor, NSFOC.
5,982-5,985	DOLOMITE - dk brn-blk, hd, crpxl, v arg, dense, p vis Ø, NSFOC.

DAVIS OIL COMPANY
410 — 17TH STREET, SUITE 1400
DENVER, COLORADO 80202

TRANSMITTAL

TO: State of Utah

DATE: Feb. 10, 1982

RE: WELL NAME: #1 Oles Federal

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. _____ 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. _____ copies of _____
14. _____ copies of _____
15. _____ copies of _____
16. _____
17. _____

REMARKS: _____

RECEIVED BY: _____ DATE: _____

PLEASE ACKNOWLEDGE RECEIPT BY SIGNING AND RETURNING THE ENCLOSED COPY.

FORM DOGC-4 CONFIDENTIAL

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-49536
Indian Lease No. .....
Fee & Pat. .....

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY San Juan FIELD/LEASE Unnamed/Oles Federal #1

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

MARCH, 19 82.

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

Company Davis Oil Company
Signed P. M. Kelighton
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)
Sec.15 SE NW	38S	24E	1	-0-	-0-	-0-	-0-	-0-	-0-	2-21-82 S.I. FOR SUNDAY. 2-23-82 THRU 3-2-82 SWAB TEST. 3-4-82 PERF; DESERT CREEK FORMATION. 5616-27', 23 HOLES. 3-10-82 BRKDOWN DESERT CRK FORM. W/1000 GAL. 20% SAN-1, 15 BALLS. 3-11-82 THRU 3-17-82 - SWAB TEST. 3-20-82 ACIDIZE HONAKER TRAIL FORM. W/4000 GAL. 20% HCL. 3-21-82 SHUT DOWN.

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*

STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 23, 1982

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

Re: Well No. Gold Bar Unit #2
Sec. 23, T. 25S, R. 20E.
Grand County, Utah

Well No. Oles Federal #1
Sec. 15, T. 38S, R. 24E.
San Juan County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Cari Furse
Clerk Typist

CF/cf
Enclosure

Board/Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck
Robert R. Norman • Margaret R. Bird • Herm Olsen

an equal opportunity employer • please recycle paper

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPL
(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [XX] GAS WELL [ ] DRY [ ] 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, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: SE NW Sec. 15, T38S, R24E
At top prod. interval reported below: same
At total depth: same

5. LEASE DESIGNATION AND SERIAL NO.: W-49536
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: -----
7. UNIT AGREEMENT NAME: -----
8. FARM OR LEASE NAME: Oles Federal
9. WELL NO.: #1
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 15, T38S, R24E

14. PERMIT NO.: 43-037 30739 DATE ISSUED: 10-30-81
12. COUNTY OR PARISH: San Juan
13. STATE: Utah

15. DATE SPUDDED: 12-31-81
16. DATE T.D. REACHED: 1-16-82
17. DATE COMPL. (Ready to prod.): 3-31-82
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 5140'GL 5154' KB
19. ELEV. CASINGHEAD: -----

20. TOTAL DEPTH, MD & TVD: 5985'
21. PLUG, BACK T.D., MD & TVD: 5700'
22. IF MULTIPLE COMPL., HOW MANY*: 0
23. INTERVALS DRILLED BY: → ROTARY TOOLS: 0-5985' CABLE TOOLS: -----

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Desert Creek 5768'-78', 5616'-27'
25. WAS DIRECTIONAL SURVEY MADE: NO

26. TYPE ELECTRIC AND OTHER LOGS RUN: Cyberlook, DI-SFL, BHC sonic, CBL, CNL-FDC
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"	36#	1850'	12¼"	250	
5 ½"	17#	5985'	8 3/4"	520	

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)

5768'-78' .43 21 holes
5616'-27' .43 23 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5768'-78'	10,000 glas GWX-7 & 10,000 gals. 20% HCL.
5616'-27'	1000 gals. 20% SAN-1 & 4000 gals 30% HCL plus 5000 gals 20% KCL.

33.* PRODUCTION

DATE FIRST PRODUCTION: | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): Temporarily Abandoned | WELL STATUS (Producing or shut-in): SI

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 reports previously submitted

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

SIGNED [signature] TITLE Division Manager DATE 4/2/82

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Hermosa	4702'	
Upper Ismay	5701'	
Lower Ismay	5812'	
Gothic Shale	5878'	
Desert Creek	5968'	
TD	5985'	

*GPO 782-929

UTAH
San Juan County
Hatch Field
Location: SENW Sec. 15 T38S R24E
Lease: U-49536

Oles Federal #1

1-14-82 DST #1. Tested Honaker from 5602' to 5608'. IF 616. ISIP 776. FF 723. FSIP 83. Rec. 4000' of heamely gas cut oil. TOOH w/DST #1. Drlg. to 5740'. Made 111'. Hermosa. MW 9.2 ppg. Vis. 35 seconds. WL 10.4.

1-15-82 Drlg. to 5952'. Made 212'. Checked BOP's. Circ. for core. POOH. Picked up core barrel. MW 9.1 ppg. Vis. 36 seconds. WL 14.

UTAH
San Juan County
Hatch Field
Location: SENW Sec. 15 T38S R24E
Lease: U-49536

Oles Federal #1

12-29-81 MIR

12-30-81 RU

12-31-81 Spud drilling well @ 5:30 P.M. on 12-30-81. Drlg. to 345'. Morrison. Dev. ½° @ 308'. MW spud mud.

1-1-82 Drlg. to 915'. Made 570'. Morrison. Dev. ½° @ 790'. MW spud mud.

1-2-82 Drlg. to 1765'. Made 850'. Morrison. Dev. ½° @ 1395'. MW spud mud.

1-3-82 Drlg. to 1850'. Made 95'. Windgate. Dev. 1° @ 1850'. Rig up and ran 46 jts. fo 36#, K-55 of 9 5/8" csg. Set casing @ 1850'. Cmtd. with 50 sxs. of ligh followed by 200 sxs. of class "G" cement. Plugged down @ 5:45 P.M. on1-3-82. MW spud mud.

1-4-82 NU and tested BOP. Drlg. to 2235'. Made 385'. Schinle. MW 8.6 ppg. Vis. 32 seconds.

1-5-82 Drlg. to 2891'. Made 656'. Cutter. Dev. 1° @ 2891'. MW 8.4 ppg. Vis. 32 seconds.

1-6-82 Drlg. to 3242'. Made 351'. Cutter. Dev. 1° @ 3242'. MW 8.5 ppg. Vis. 34 seconds. WL 10.4.

1-7-82 Drlg. to 3784'. Made 512'. Cutter. MW 8.6 ppg. Vis. 32 seconds. LW 12.8.

1-8-82 Drlg. to 4136'. Made 402'. Cutler. Dev. 3/4° @ 3755'. MW 8.8 ppg. Vis. 34 seconds. WL 10.4.

1-9-82 Drlg. to 4559'. Made 423'. Cutler. Dev. 3/4° @ 4223'. MW 8.6 ppg. Vis. 33 seconds. WL 8.4.

1-10-82 Drlg. to 4920'. Made 361'. Hermosa. Dev. 3/4° @ 4731'. MW 9.0 ppgs. Vis 34 seconds. WL 10.2.

1-11-82 Drlg. to 5194'. Made 274'. Hermosa. Dev. 1° @ 5167'. MW 9.1. Vis. 34 seconds. WL 10.5.

1-12-82 Drlg. to 5500'. Made 306'. Hermosa. MW 9.3 ppg. Vis. 35 seconds. WL 10.0.

1-13-82 Drlg. to 5629'. Made 129'. Hermosa. Curculated for DST. PU tool. TIH with DST #1. MW 9.2 ppg. Vis. 36 seconds. WL 10.8.

OLES FEDERAL #1
S ENW Sec. 15, T38S, R24E
San Juan, Utah
U-49536

OLES FED #1
T.D. 6,038'

1-20-82 PRESENT OPERATION - WOCT.
WOCT.

1-21-82 PRESENT OPERATION - WOCT.
WOCT.

1-22-82 PRESENT OPERATION - WOCT
WOCT.

1-23-82 PRESENT OPERATION - WOCT.
WOCT.

1-24-82 WOCT.

1-25-82 PRESENT OPERATION - WOCT.
WOCT.

1-26-82 PRESENT OPERATION - WOCT.
WOCT.

1-27-82 PRESENT OPERATION - WOCT.
WOCT.

1-28-82 PRESENT OPERATION - WOCT.
WOCT.

1-29-82 PRESENT OPERATON-WOCT
WOCT

1-30-82 PRESENT OPERATION - WOCT.
WOCT.

1-31-82 WOCT.

2-1-82 PRESENT OPERATION - WOCT.
WOCT.

2-2-82 PRESENT OPERATION - WOCT.
WOCT.

2-3-82 PRESENT OPERATION - WOCT.
WOCT.

2-4-82 PRESENT OPERATION - WOCT
WOCT

OLES FED. # 1
DESERT CREEK FORMATION
2-5-82 PRESENT OPERATION W.O.C.T.

OLES FED #1
DESERT CREEK FORMATION

PRESENT OPERATION - WOCT.

2-6-82 WOCT.

2-7-82 WOCT.

OLES FED #1
DESERT CREEK FORMATION
PRESENT OPERATION - Installing 5,000 PSI tree to run bond log.
2-8-82 Location very muddy.

OLES FED #1
DESERT CREEK FORMATION
PRESENT OPERATION - Working on tree trying to shut off water.
2-9-82 Installed 5,000 PSI tbg head. Crossover seal leaked. Will have WKM man on location today to repair it.

DESERT CREEK FORMATION
PRESENT OPERATION - Waiting on crossover seal.
2-10-82 Sent WKM man to location to seal annulus. Could not get the seal to stop leaking. Ordered another seal from Vernal, Utah. Should be here today. Had a dirt contractor inspect location for clean up for completion unit.

OLES FED #1
DESERT CREEK FORMATION
PRESENT OPERATION - Hauling dirt onto location and installing deadmen, also replacing crossover seal in tbg head.
2-11-83 Waited on crossover seal.

2-12-82 Roads to location icy, took all day to get equipment to location.

CUM IDC $6,684.00

PRESENT OPERATION - MIRUCT.

2-13-82 Rigged up Schlumberger and ran logging tools down to 5,868'. Could not go any deeper. Logged from ther to 3,800'. Top of cement 4,122'. Cement bond 90% or better from 5,430' to 5,868'.

2-14-82 SD Sunday.

OLES FED #1
DESERT CREEK FORMATION PBTD 6,036'
DAYS FROM RIG UP 3 CUM IDC $8,725.00
PRESENT OPERATION - Run in hole w/ 2 7/8 tbg.
2-15-82 MIRU, pick up and RIH w/ bit, scraper, 4 drill collars and 88 jts 2 7/8 tbg.

OLES FEDERAL #1
S ENW Sec. 15, T38S, R24E
San Juan, Utah
U-49536

CUM IDC $12,400.00
PRESENT OPERATION - Drilling cement.
2-16-82 PU 2 7/8 tbg. Circ hole clean. Go down to 5,989', circ hole clean.

OLES FED #1
DESERT CREEK FORMATION PBTD 6,035'
T.D. 6,038' DAYS FROM RIG UP 5
CUM IDC $19,526.00
PRESENT OPERATION - Press testing csg to 4,500 PSI.
2-17-82 Drilled cement and float collar out to 6,035. Circ hole clean. Rig down drill equipment. TOOH Rig up Schlumberger. Ran CBL, CCL, VDL, GR. Showed 80 to 90% bond. Nipple up BOP. SD for night.

OLES FED #1
DESERT CREEK FORMATION PBTD 6,035'
T.D. 6,038' DAYS FROM RIG UP 6
CUM IDC $23,306.00
PRESENT OPERATION - Perf for production.
2-18-82 Pressured csg to 4,500 for ½ hr, held press. Swabbed down to 3,000' after tripping in w/ tbg. Tripped out after swabbing.

CUM IDC $28,401.00
PRESENT OPERATION - Swabbing Well
2-19-82 RU Schlumberger & perf casing 5968 - 78. Perf 21 holes .38 size perfs 2 shots per ft. 4" casing gun RIH Baker R-3 Packer 192 joints 5,863.59 2 7/8 tubing Packer 5870 6 runs 20 bbls water no oil.
BLOTR 0 BLWTR +20

CUM IDC $378,476.00
PRESENT OPERATION - Swabbing
2-20-82 Swabbed 1 hour interval for first 5 hours. Got 2.5 BBLS back. Swabbed 1 run every 2 hours. Second 5 hours. No fluid recovered in the afternoon.

Time	Runs	FTP	BF	BO	BW
7:30 - 12:30	5	5400	2.5	1	1.5
12:30 - 6:00	2	5800	0	0	0

BLOTR +1 BLWTR +21.5

2-21-82 Shutdown

CUM IDC $58,549.00
PRESENT OPERATION - Swabbing to recover stimulation fluid.
2-22-82 Released packer. POH with 2 7/8" tubing. Rig up Smith Energy. Treated well as follows: Treated Desert Creek Formation with 10,000 GALS GWX-7 fluid and 10,000 GALS 20% KCL with 3 GALS BCS-02, 20 GALS CIA-1, 20 GALS SAA-1, 250 GALS CA-1, 1700# KCL, 20 GALS AFR-1, 60 GALS S55-1 and 100# DA-3. Flushed with 5792 GALS KCL water. Average rate 12 BPM. Average pressure 3500 PSI. Maximum rate 13 BPM Maximum pressure 2800 PSI, ISIP 3300 PSI. 1000 GALS GWX-7, 6 BPM at 2500 PSI. 4000 GALS GWX-7, 13 BPM at 3300 PSI. 5000 GALS 20% KCL, 12 BPM at 3500 PSI. 5000 GALS GWX-7 with 100# DA-3, 11 BPM at 3800 PSI. 5000 GALS 20% KCL, 12 BPM at 3500 PSI.

T.D. 6,038' DAYS FROM RIG UP 11
CUM IDC $61,949.00
PRESENT OPERATION - Swabbing
2-23-82 Upon arrival at location had 150 PSI on tubing. Swabbed 2 runs and well started flowing. Flowed 19.2 BBLS monthly free fluid. Then swabbed rest of the day. After each swab run, well would produce gas with a small amount of fluid.

Time	Runs	FTP	BF	BO	BW
8:30	2	2000	30.4	0	314
10:30	2	3500	12.2	2	17
6:00	16	5800	50.4	12	38

BLOTR +14 BLWTR -599

CUM IDC $64,149.00
PRESENT OPERATION - Swabbing
2-24-82 Swabbed from 8:05 to 5:30 P.M. 22 BBLS fluid, 7.7 BBLS were oil and the rest frac fluid. The well is still producing alot of gas (approximately 100 MCF).

Time	Runs	MCF	BF	BO	BW
8:05	2	4000	6.7	2.3	4.4
9:00	1	5000	3.5	1.1	2.2
10:00	1	5200	1.0	.3	.7
11:00	1	5200	2.5	1.0	1.5
1:00	1	5200	1.7	.6	1.1
2:00	1	5200	1.7	.6	1.1
3:00	1	5200	1.7	.6	1.1
4:00	1	5200	1.7	.6	1.1
5:30	1	5200	1.7	.6	1.1

BLOTR +22 BLWTR -409

OLES FED #1
DESERT CREEK FORMATION PERFORATION 5,968'-78' 21 HOLES
PBTD 6,035' T.D. 6,038'
DAYS FROM RIG UP 13 CUM IDC $65,947.00
PRESENT OPERATION - Swabbing.
2-25-82 SITP 500 PSI. Made 11 swab runs. Swabbed 27.9 BF of which 16.4 BO.

7:30	1 Run	4,500' FL	5 BF	3 BO	2 BW
9:30	2 Runs	5,000' FL	6.7 BF	4.2 BO	2.5 BW
10:30	2 Runs	5,400' FL	6 BF	3.2 BO	2.8 BW
11:30	1 Run	5,500' FL	1.7 BF	1 BO	.7 BW
12:30	1 Run	5,500' FL	1.7 BF	1 BO	.7 BW
1:30	1 Run	5,500' FL	1.7 BF	1 BO	.7 BW
2:30	1 Run	5,500' FL	1.7 BF	1 BO	.7 BW
3:30	1 Run	5,500' FL	1.7 BF	1 BO	.7 BW
4:30	1 Run	5,500' FL	1.7 BF	1 BO	.7 BW
5:30	1 Run	5,500' FL	1.7 BF	1 BO	.7 BW

Totals 27.9 BF, 16.4 BO, 11.5 BW. BLOTR +38.4, BLWTR -397.5.

DAYS FROM RIG UP 14 CUM IDC $68,247.00
PRESENT OPERATION - Swabbing
2-26-82 Swabbed 8½ hours. 13.3 BBLS of fluid of which 5.5 BBLS were oil. The formation is producing about 1 BBL per hour.

Time	Runs	FTP	BF	BO	BW	
8:30	2	5300	3.3	1.3	2.0	2% BS
9:30	1	5300	1.7	.7	1.0	
10:00	1	5300	1.7	.7	1.0	
11:00	1	5300	1.7	.7	1.0	
12:00	1	5400	.8	.3	.5	
1:00	1	5500	.8	.3	.5	
2:00	1	5500	1.7	.6	1.1	
3:00	1	5500	1.7	.6	1.1	
4:00	1	5600	.8	.3	.5	

BLOTR 43.9 BLWTR -388.7

DAYS FROM RIG UP 16 CUM IDC $70,697.00
PRESENT OPERATION - Swabbing.
2-27-82 Swabbed 7 BF, (3 BO) in 8 hrs, production from formation gradually dropping off.

8:00	2 Runs	5,300' FL	1.7 BF	.6 BO	1.1 BW
10:00	1 Run	5,500' FL	.8 BF	.3 BO	.5 BW
11:00	1 Run	5,600' FL	.8 BF	.3 BO	.5 BW
1:00	1 Run	5,500' FL	1.7 BF	.6 BO	1.1 BW
2:00	1 Run	5,700' FL	.8 BF	.3 BO	.5 BW
3:00	1 Run	5,700' FL	.8 BF	.3 BO	.5 BW
4:00	1 Run	5,700' FL	.8 BF	.3 BO	.5 BW

Totals 8 swab runs, 7.4 BF, 2.7 BO, 4.7 BW. BLOTR +48, BLWTR -384.
2-28-82 SD Sunday.

DAYS FROM RIG UP 17 CUM IDC $74,199.00
PRESENT OPERATION - Swabbing.
3-1-82 SITP 525#. Swabbed 5.7 BF in 7½ hrs, 2.2 BO and 3.5 BBLS frac fluid. Making a small amount of gas after each swab run.

7:30	1 Run	5,000' FL	.8 BF	.4 BO	.4 BW
9:00	2 Runs	5,600' FL	1.6 BF	.6 BO	1.0 BW
10:00	1 Run	5,500' FL	.8 BF	.3 BO	.5 BW
11:00	1 Run	5,500' FL	1.7 BF	.6 BO	1.1 BW
12:00	1 Run	5,600' FL	.8 BF	.3 BO	.5 BW
1:00	1 Run	5,600' FL	.8 BF	.3 BO	.5 BW
2:00	1 Run	5,600' FL	.8 BF	.3 BO	.5 BW
3:00	1 Run	5,600' FL	.8 BF	.3 BO	.5 BW

Totals 9 swab runs, 5.7 BF, 2.2 BO, 3.5 BW. BLOTR +50, BLWTR -380.

DAYS FROM RIG UP 18 CUM IDC $76,899.00
PRESENT OPERATION - Pulling tbg and pkr.
3-2-82 Made 8 swab runs in 8 hrs, recovered 6.5 BF.

8:00	4 Runs	5,400' FL	4 BF	2 BO	2 BW
12:00	4 Runs	5,400' FL	2.5 BF	1.5 BO	1 BW

BLOTR +54, BLWTR -377.

CUM IDC $79,899.00
PRESENT OPERATION - Swabbing to 3,000'. Perforating.
3-3-82 Pulled pkr and tbg, ran bridge plug, set 2 sacks cement on top. Press to 4,600 PSI held for 15 min. RIH w/ 50 stands tbg. BLOTR +54, BLWTR -477.

DAYS FROM RIG UP 20 CUM IDC $87,399.00
PRESENT OPERATION - Swabbing for evaluation.
3-4-82 Swabbed to 3,000'. Pulled 50 stands 2 7/8 tbg. RIH w/ perf gun shot perfs at 5,616'-27'. RIH w/ pkr 91 stands 2 7/8 tbg. Set at 5,550'. Swabbed back 25 BW. BLOTR 0, BLWTR 0.

OLES FEDERAL #1
DESERT CREEK FORMATION PERFORATION 5,616' - 27' 23 HOLES
PBTD 5,673' T.D. 6,038'
DAYS FROM RIG UP 21 CUM IDC $89,799.00
PRESENT OPERATION - Swabbing for evaluation
3-5-82 Swabbed all day. Made 12 runs and recovered 14 BBLS.

Time	Runs	FTP	BF	BO	BW
7:30 - 10:00	4	3000	8	7	1
10:00 - 12:00	4	5400	3	2	1
12:00 - 1:00	1	5400	1	1	
1:00 - 2:00	1	5400	1	1	
2:00 - 3:00	1	5400	.5	.5	
3:00 - 4:00	1	5400	.5	.5	

BLOTR +12 BLWTR +2

CUM IDC $94,599.00

PRESENT OPERATION - Swabbing and WO procedure.

3-6-82 Tbg had 90 PSI on it after being SI overnight (15 hrs). Made 9 swab runs in 8 hrs and swabbed 9 BF (all oil).

8:00	2 Runs	4,500' FL	2 BF	2 BO	0 BW
9:00	1 Run	5,400' FL	1 BF	1 BO	0 BW
10:00	1 Run	5,400' FL	1 BF	1 BO	0 BW
11:00	1 Run	5,400' FL	1 BF	1 BO	0 BW
12:00	1 Run	5,400' FL	1 BF	1 BO	0 BW
1:00	1 Run	5,400' FL	1 BF	1 BO	0 BW
2:00	1 Run	5,400' FL	1 BF	1 BO	0 BW
3:00	1 Run	5,400' FL	1 BF	1 BO	0 BW

Totals 9 runs, 9 BF, 9 BO, 0 BW. BLOTR +21, BLWTR 2.

3-7-82 SD Sunday. BLOTR +21, BLWTR 2.

DAYS FROM RIG UP 24 CUM IDC $96,999.00
PRESENT OPERATION - Swabbing, WOO.
3-8-82 Swabbed 8 hrs, made 6 BO in 7 swab runs.

8:00	3 Runs	4,500' FL	4 BF	4 BO
11:00	1 Run	5,450' FL	0 BF	0 BO
12:20	1 Run	5,450' FL	0 BF	0 BO
3:00	1 Run	5,450' FL	2 BF	2 BO

BLOTR +27, BLWTR +2.

DAYS FROM RIG UP 25 CUM IDC $99,399.00
PRESENT OPERATION - Prepare Smith for breakdown.
3-9-82 Swabbed 8 hrs, made 6 runs, recovered 1.5 BO.

7:30	2 Runs	5,100' FL	1 BF	1 BO
9:00	1 Run	5,450' FL	0 BF	0 BO
11:00	1 Run	5,500' FL	0 BF	0 BO
1:00	2 Runs	5,500' FL	.5 BF	.5 BO

BLOTR +28, BLWTR +2.

OLES FED #1
DESERT CREEK FORMATION — PERFORATION 5,616'-27' 23 HOLES
PBTD 5,700' — T.D. 6,038'
DAYS FROM RIG UP 26 — CUM IDC $104,505.00
PRESENT OPERATION - Swabbing.

3-10-82 Made 4 swab runs. Swabbed 2.5 BO first run, nothing after that. Rigged up Smith Energy and treated formation with 1,000 gals of 20% SAN-1. Dropped 15 balls and had good ball action. Flushed to perfs (34 BBLS) with 2% KCL. Avg rate 4.5 BPM. Avg press 3,300 PSI. Max rate 5 BPM, max press 3,520 PSI. ISIP 3,500 PSI, 2 min 0 PSI. Pumped a total of 61 BBLS, swabbed back 45 BBLS.

7:30	4 Runs	5,100' FL	2.5 BF	2.5 BO	0 BW
8:00	3 Runs	Surface	45 BF	0 BO	45 BW

Totals 2.5 BO, 45 BW. BLOTR +28, BLWTR -16.

DAYS FROM RIG UP 27 — CUM IDC $106,362.00
PRESENT OPERATION - Swabbing.

3-11-82 Swabbed 21 BF in 8 hrs, all oil, no water.

8:00	7 Runs	3,500' FL	13 BF	13 BO	0 BW
10:00	2 Runs	4,500' FL	2 BF	2 BO	0 BW
11:00	2 Runs	4,700' FL	2 BF	2 BO	0 BW
12:00	2 Runs	4,900' FL	2 BF	2 BO	0 BW
1:00	2 Runs	5,100' FL	1.5 BF	1.5 BO	0 BW
2:00	1 Run	5,500' FL	.5 BF	.5 BO	0 BW

BLOTR 49, BLWTR -16.

DAYS FROM RIG UP 28 — CUM IDC $108,162.00
PRESENT OPERATION - Swabbing
Made 11 swab runs in 8 hours made 5 bbls fluid

3-12-82

10:00	3 runs	5100 FL	3 FB	3 BO
12:00	2 runs	5450 FL	1 FB	1 BO
2:00	2 runs	5500 FL	.5 FB	.5 BO
4:00	2 runs	5500 FL	.5 FB	.5 BO
Total	11 runs		5 FB	5 BO

BLOTR + 54 BLWTR -16

DAYS FROM RIG UP 30 — CUM IDC $109,962.00

PRESENT OPERATION - Swabbing.

3-13-82 Swabbed 8 hrs, recovered 5 BO in 9 runs.

7:30	3 Runs	5,030' FL	2 BF	2 BO
10:00	2 Runs	5,400' FL	1 BF	1 BO
12:40	2 Runs	5,450' FL	1 BF	1 BO
2:00	2 Runs	5,450' FL	1 BF	1 BO

BLOTR +59, BLWTR -16.

3-14-82 SD Sunday. BLOTR +59, BLWTR -16.

OLES FED #1
HANAKER TRAIL FORMATION — PERFORATION 5,616'-27' 23 HOLES
PBTD 5,700' — T.D. 6,038'
DAYS FROM RIG UP 31 — CUM IDC $111,915.00
PRESENT OPERATION - Swabbing.

3-15-82 Swabbed 3.75 BF, (all oil) in 7½ hrs. Makes a small amount of gas.

7:45	1 Run	5,700' FL	1¼ BF	1¼ BO	0 BW
8:00	1 Run	5,350' FL	0 BF	0 BO	0 BW
9:00	1 Run	5,350' FL	½ BF	½ BO	0 BW
10:00	1 Run	5,350' FL	½ BF	½ BO	0 BW
11:00	1 Run	5,350' FL	½ BF	½ BO	0 BW
12:00	1 Run	5,400' FL	½ BF	½ BO	0 BW
1:00	1 Run	5,400' FL	½ BF	½ BO	0 BW
2:00	1 Run	5,400' FL	0 BF	0 BO	0 BW

BLOTR +61, BLWTR -16.

Oles Federal #1
S ENW Sec. 15, T38S. R24E
San Juan, Utah
U-49536

OLES FED #1
HANAKER TRAIL FORMATION — PERFORATION 5,616'-27' 23 HOLES
PBTD 5,700' — T.D. 6,038'
DAYS FROM RIG UP 32 — CUM IDC $113,868.00
PRESENT OPERATION - Swabbing.

3-16-82 Made 7 swab runs in 7¼ hrs, swabbed 3½ BO, no water.

7:45	1 Run	5,350' FL	½ BF	½ BO	0 BW
10:00	1 Run	5,400' FL	½ BF	½ BO	0 BW
11:00	1 Run	5,400' FL	½ BF	½ BO	0 BW
12:00	1 Run	5,400' FL	½ BF	½ BO	0 BW
1:00	1 Run	5,400' FL	½ BF	½ BO	0 BW
2:00	1 Run	5,400' FL	½ BF	½ BO	0 BW
3:00	1 Run	5,400' FL	½ BF	½ BO	0 BW

BLOTR +65, BLWTR -16.

MAR 19 1982
DIVISION OF
GAS & MINING

DAYS FROM RIG UP 33 — CUM IDC $115,821.00
PRESENT OPERATION - WOO.

3-17-82 Made 12 swab runs and swabbed 53 BF, mostly KCL water. The pkr leaked and the water came from the csg annulus. At 1:00 P.M. released the pkr and started coming out of the hole w/ the pkr laying down the tbg. At 2:00 P.M. received orders to stop pulling tbg.

7:45	1 Run	3,500' FL	7 BF		7 BW
8:10	1 Run	3,600' FL	7 BF		7 BW
8:25	1 Run	3,900' FL	8 BF		8 BW
8:40	1 Run	4,200' FL	7 BF		7 BW
8:55	1 Run	4,500' FL	7 BF		7 BW
9:10	1 Run	4,800' FL	5 BF		5 BW
9:20	1 Run	5,000' FL	5 BF		5 BW
9:40	1 Run	5,100' FL	2 BF	½ BO	1½ BW
10:00	1 Run	5,200' FL	1 BF	½ BO	½ BW
11:00	1 Run	5,300' FL	1½ BF	½ BO	1 BW
12:00	1 Run	5,300' FL	1 BF	½ BO	½ BW
1:00	1 Run	5,300' FL	1½ BF	½ BO	1 BW

BLOTR +67, BLWTR -16.

DAYS FROM RIG UP 34 — CUM IDC $117,774.00
PRESENT OPERATION - WOO.

3-18-82 Pulled the rest of the tbg. Laid down the pkr because it had failed. Picked up another pkr and ran it down hole. BLOTR +67, BLWTR -16.

DAYS FROM RIG UP 35 — CUM IDC $119,727.00
PRESENT OPERATION - Acidizing.

3-19-82 SITP 25#. Swabbed 9 BF in 8 runs, mostly water that had probably flowed into the formation when the other pkr was released.

7:45	1 Run	5,200' FL	3½ BF	1 BO	2½ BW
8:00	1 Run	5,350' FL	½ BF	0 BO	½ BW
9:00	1 Run	5,350' FL	1 BF	½ BO	½ BW
10:00	1 Run	5,350' FL	1 BF	½ BO	½ BW
11:00	1 Run	5,350' FL	1 BF	½ BO	½ BW
12:00	1 Run	5,400' FL	½ BF	0 BO	½ BW
1:00	1 Run	5,400' FL	½ BF	0 BO	½ BW
2:00	1 Run	5,400' FL	1 BF	½ BO	½ BW

BLOTR +70, BLWTR -16.

DAYS FROM RIG UP 37 — CUM IDC $136,231.00

PRESENT OPERATION - Swabbing after acidizing.

3-20-82 SITP 25#. Rigged up Halliburton and acidized Honaker Trail formation w/ 4,000 gal 20% HCL also used .5% HAI-55, .5% Moreflo II, 1% FE-IA, .2% FR-24, and 5,000 gal gelled 2% KCL water, 40#/1,000 gal WG-12, .5% Moreflo and 200,000 SCF nitrogen. Flushed w/ 35 BBLS 2% KCL water, 249 BBLS load. Avg rate 9 BPM, avg press 4,900 PSI, max rate 1- BPM, max press 5,000 PSI, ISIP 4,000 15 min 3,900 PSI. Opened well to atmosphere after Halliburton moved off location and unloaded acid water to pit (3/4" choke). Well died at 3:00 P.M. all load recovered. BLOTR +81, BLWTR -16.

3-21-82 SD Sunday. BLOTR +81, BLWTR -16.

DAYS FROM RIG UP 38 CUM IDC $138,131.00
PRESENT OPERATION - Swabbing.

3-22-82 Flowed and swabbed well.

7:30	Flow		14 BF	10 BO	4 BW
1:00	1 Run	3,500' FL	5 BF	3.5 BO	1.5 BW
1:30	1 Run	1,800' FL	5 BF	4 BO	1 BW
2:00	1 Run	3,200' FL	6.5 BF	5 BO	1.5 BW
1:00	1 Run	3,500' FL	6.5 BF	4 BO	2.5 BW
2:00	1 Run	4,000' FL	5 BF	3.5 BO	1.5 BW
3:00	1 Run	4,800' FL	5 BF	3 BO	2 BW

Totals 6 runs, 47 BF, 33 BO, 14 BW. BLOTR +114, BLWTR -2.

OLES FED #1
HONAKER TRAIL FORMATION PERFORATION 5,616'-27' 23 HOLES
PBTD 5,700' T.D. 6,038'
DAYS FROM RIG UP 39 CUM IDC $140,118.00
PRESENT OPERATION - Swabbing.

3-23-82 Made 9 swab runs.

8:00	1 Run	4,500' FL	2½ BF	2 BO	½ BW
9:00	1 Run	5,300' FL	½ BF	½ BO	0 BW
10:00	1 Run	5,100' FL	2½ BF	2 BO	½ BW
11:00	1 Run	5,200' FL	1 BF	1 BO	0 BW
12:00	1 Run	5,300' FL	1½ BF	1 BO	½ BW
1:00	1 Run	5,350' FL	0 BF		
2:00	1 Run	5,350' FL	0 BF		
3:00	1 Run	5,400' FL	1 BF	1 BO	
4:00	1 Run	5,400' FL	½ BF	½ BO	

Totals 9 runs, 9.5 BF, 8 BO, 1.5 BW. BLOTR +122, BLWTR -.5.

DAYS FROM RIG UP 40 CUM IDC $142,071.00
PRESENT OPERATION - Swabbing.

3-24-82 Made 7 swab runs, got 2½ BO back.

7:30	1 Run	5,400' FL	½ BF	½ BO	0 BW
8:30	1 Run	5,400' FL	½ BF	½ BO	0 BW
9:30	1 Run	5,400' FL	¼ BF	¼ BO	0 BW
10:30	1 Run	5,400' FL	¼ BF	¼ BO	0 BW
11:30	1 Run	5,450' FL	½ BF	½ BO	0 BW
12:30	1 Run	5,425' FL	0 BF	0 BO	0 BW
1:30	1 Run	5,450' FL	½ BF	½ BO	0 BW

BLOTR +124.5, BLWTR -.5.

DAYS FROM RIG UP 41 CUM IDC $144,024.00
PRESENT OPERATION - Swabbing.

3-25-82

7:30	1 Run	5,400' FL	½ BF	½ BO	0 BW
7:45	1 Run	5,450' FL	½ BF	½ BO	0 BW
9:00	1 Run	5,450' FL	½ BF	½ BO	0 BW
10:00	1 Run	5,450' FL	0 BF	0 BO	0 BW
11:00	1 Run	5,450' FL	0 BF	0 BO	0 BW
12:00	1 Run	5,450' FL	½ BF	½ BO	0 BW
1:00	1 Run	5,450' FL	0 BF	0 BO	0 BW
2:00	1 Run	5,450' FL	0 BF	0 BO	0 BW

Totals 2 BF, 2 BO. BLOTR +126.5, BLWTR -.5.

WELL NAME: Oles Federal #1

OLES FED #1
BONAKER TRAIL FORMATION — PERFORATION 5,616'-27' 23 HOLES
PBTD 5,700' — T.D. 6,038
DAYS FROM RIG UP 42 — CUM IDC $145,977.00
PRESENT OPERATION - Swabbing.

3-26-82 Swabbing. SITP 30 PSI SICP 0

7:30	1 Run	5,450'	FL	0 BF	0 BO	0 BW
7:45	1 Run	5,475	FL	0 BF	0 BO	0 BW
9:00	1 Run	5,475	FL	2 BF	2 BO	0 BW
10:00	1 Run	5,475	FL	2 BF	2 BO	0 BW
11:00	1 Run	5,475	FL	0 BF	0 BO	0 BW
12:00	1 Run	5,475	FL	2 BF	2 BO	0 BW
1:00	1 Run	5,475	FL	0 BF	0 BO	0 BW
2:00	1 Run	5,475	FL	0 BF	0 BO	0 BW

Totals 8 Runs, 6 BF, 6 BO. BLOTR +127.1 BLWTR -0.5.

DAYS FROM RIG UP 44 — CUM IDC $147,777.00

PRESENT OPERATION - Swabbing, wait on orders.

3-27-82 Swabbing.

7:30	1 Run	5,450'	FL	0 BF	0 BO	0 BW
7:45	1 Run	5,475'	FL	.2 BF	.2 BO	0 BW
9:00	1 Run	5,475'	FL	0 BF	0 BO	0 BW
10:00	1 Run	5,475'	FL	.2 BF	.2 BO	0 BW
11:00	1 Run	5,475'	FL	0 BF	0 BO	0 BW

Totals .4 BF, .4 BO. BLOTR +127.5, BLWTR -.5.

3-28-82 SD Sunday.

DAYS FROM RIG UP 45 — CUM IDC $149,730.00
PRESENT OPERATION - POOH w/ pkr and tbg, RIH w/ tbg and cap well.

3-29-82 Swabbed 8 runs, made 1 BO.

7:30	1 Run	5,450'	FL	.2 BF	.2 BO	0 BW
7:45	1 Run	5,450'	FL	.2 BF	.2 BO	0 BW
9:00	1 Run	5,450'	FL	.2 BF	.2 BO	0 BW
10:00	1 Run	5,450'	FL	.2 BF	.2 BO	0 BW
11:00	1 Run	5,475'	FL	.2 BF	.2 BO	0 BW
12:00	1 Run	5,475'	FL	.2 BF	.2 BO	0 BW
1:00	1 Run	5,475'	FL	.2 BF	.2 BO	0 BW
2:00	1 Run	5,475'	FL	.2 BF	.2 BO	0 BW

BLOTR +129.1, BLWTR -.5.

DAYS FROM RIG UP 46 — CUM IDC $161,630.00
PRESENT OPERATION - Try to unseat pkr.

3-30-82 Tried to release Baker R-3 pkr (upward pull). Would not release. Could not rotate tbg either. Pressured up on backside. It held 1,000 PSI for 15 min. Calculated free point and it looked like pipe was free down to the pkr. Will have a wireline truck on location this morning. BLOTR +129, BLWTR -½.

DAYS FROM RIG UP 47 — CUM IDC $157,130.00
PRESENT OPERATION - Temporarily abandoned

3-31-82 Ran freepoint. Found tubing stuck 6 foot above packer. Ran backoff shot on 1st joint above packer. Pulled tubing up hole 2 joints and hung tubing in well head. Capped well in with blank flange. Rigged down. 180 joints tubing in hole (179 joints hanging from well head. 1 joint on top of packer.) BLOTR +129, BLWTR -0.5.

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.: U-49536

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

1. OIL WELL [X] GAS WELL [ ] OTHER

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

2. NAME OF OPERATOR: Davis Oil Company

8. FARM OR LEASE NAME: Oles Federal

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

9. WELL NO.: #1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: SENW Sec. 15 T38S R24E

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 15 T38S R24E

14. PERMIT NO.: 43-03730739

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5140 GL 5154 KB

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

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

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

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

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

Current Status: TA as of March 31, 1982
TD: 5985'
PBTD: 5700'
Perforated: 5768'-78, 5616'-27', (Desert Creek Formation)
Casing Record: 9 5/8", 36#, set @ 1850' w/520 sx cement
5½", 17# set @ 5985' w/520 sx cement
(Casing will be abandoned in place)

Plugging Procedure:
1. Place a 20 sx cement plug @ 5500'-5700'
2. Place a 20 sx cement plug @ 2700'-2900'
3. Place a 20 sx cement plug @ 1750'-1950'
4. Pump 50 sx cement down surf. csg/prod. csg. annulus
5. Place a 10 sx cement plug @ surface and install regulation dry hole marker
6. Clean, level and reseed per landowners satisfaction.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 11/24/82
BY: [signature]

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

SIGNED REB for [signature] TITLE Rocky Mountain Division Mgr. DATE 11/9/82

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

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

2. NAME OF OPERATOR
Davis Oil Company

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) SE NW Sec. 15, T38S, R24E
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: 2140' FWL 1820' FNL

5. LEASE
U-49536

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Olds Federal

9. WELL NO.
#1

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 15 T38S R24E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5170 GR 5154 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.)*

Set cement plugs as follows:

5564' - 5414'	20 sx	cement
2900' - 2750'	20 "	
1950' - 1700'	20 "	
75 - 0'	10 "	

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 2/17/83
BY: [illegible]

Pumped 50 sx down annulus between 5½" and 9⅝" casing.
Removed tree and set 4' dry hole marker.

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 1/16/83

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

CEMENTERS INC.

P. O. Box 302
Farmington, New Mexico 87401

JOB TICKET A 0601

Shop Phone: 632-3683 Mobile Service: 325-1873 Answering Service: 327-0531

Customer: DAVIS OIL CO.

Address: 230 W. North St.

City: Cortez State: Colo. Zip: 81321

Date of Job: 13 JAN 83

Type of Job: PLUG Depth: Ft.

New Well ☐ Old Well ☒ Other ☐

Pump Truck Used: 105 Mileage: 60

Bulk Truck Used: 108 Ton Mileage:

Well No.: Lease: OLDS FEDERAL NO. 1

County: San Juan State: Utah.

Field:

Size of Hole: 7 7/8 Depth: 5565 Ft.

Size & Wt. of Casing: 5 1/2 - 20 Depth: 5565 Ft.

Size & Wt. of Pipe: Depth: Ft.

Top Plugs: Type:

Bottom Plugs: Type:

Cement and Additive Data: Bulk ☒ Sacks ☐

SACKS	BRAND	TYPE	OTHER
120 Class	"B" Cement		Plug #1 20 Sacks - Set at ~~5365~~ 5565
			Plug #2 20 @ 2000
			Plug #3

Slurry Weight: 15.6 lbs./gal. Slurry Volume: lbs./cu. ft.

Sacks Cement Treated with % of

Price Ref. No.	Description	Rate
PR-24	Pump truck Service Charge	$1250.00
PR-10	Pump truck mileage 1 @ $2.60 miles. (60 miles)	120.00
PR-31	Cement Charge per sack 120 @ $6.55 sk	786.00
PR-33	Calcium Chloride per sack @ $28.00 sack (2 sk)	~~56.00~~ ~~112.00~~
PR-44	Hauling Cu. 124 Cu. ft per cubic ft. of dry mix @ 85¢	105.40
PR-45	Drayage on Equipment to mile. 1140 @ $.76	261.74
		~~$2,625.14~~
		2,579.14

CORRECTED COPY

CONTRACT CONDITIONS: (This agreement must be signed before work is commenced)

The undersigned, as authorized agent of the customer, agrees and acknowledges that the services, materials, products and supplies provided for in this order shall be subject to the terms and conditions appearing on the front and reverse sides of order without the consent of an authorized representative of CEMENTERS INC.

SIGNED: [signature] AGENT OF OWNER OR CONTRACTOR

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: (WELL OWNER OPERATOR OR AGENT)

White Copy - Operator Canary Copy - Office Green Copy - Invoice Pink - Remains in Book

place 2nd page of RRB-142-980

ROCKY MOUNTAIN DIVISION
SUNDRY NOTICE DISTRIBUTION

Federal Lease

Original + two copies: U.S.G.S. District Office
One copy : State Oil & Gas Conservation Commission

State or FEE Lease

Original + two copies: State Oil & Gas Conservation Commission

One copy to each of the following for all Sundry Notices except as noted:

B.R. PORTER - District Superintendent - Casper DOC

C.H. HERRING - Ass't. District Superintendent - Gillette DOC

Wyoming, Counties of: (only)
Campbell
Sheridan
Johnson
Crook
Weston

C.E. POWELL - Ass't. District Superintendent - Cortez DOC

All of Utah except Rich & Summit Counties
All of Colorado and New Mexico

Garry Roggow
Permit Representative - Casper DOC

Moria McHenry
Engineer Tech - Denver

Julie McGee
Geological Clerk - Denver

Chris Jones
Production Clerk - Denver

Jane Satre
General Acctg. Manager - Denver

B.J. Crawford
Manager of Lse. Records - Denver

Sally Kicklighter
Division Orders - Denver

Ed Phillips
Legal Dept. - Denver

Robert E. Blaylock
Rocky Mountain Division Manager - Denver

1-24-83

RCB 4/5/82

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

2. NAME OF OPERATOR: Davis Oil Company

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) SE NW Sec. 15, T38S, R24E
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: 2140' FWL 1820' FNL

5. LEASE: U-49536

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Oles Federal

9. WELL NO.: #1

10. FIELD OR WILDCAT NAME: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 15 T38S R24E

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

14. API NO.:

15. ELEVATIONS (SHOW DF, KDB, AND WD): 5140 GR 5154 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.)*

Set cement plugs as follows:

5564' - 5414' 20 sx cement
2900' - 2750' 20 " "
1950' - 1700' 20 " "
75 - 0' 10 " "

Pumped 50 sx down annulus between 5½" and 9⅝" casing.
Removed tree and set 4' dry hole marker

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 1/19/83
BY: [illegible]

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 1/16/83

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

CEMENTERS INC.

P. O. Box 302
Farmington, New Mexico 87401

JOB TICKET A 0601

Shop Phone: 632-3683 Mobile Service: 325-1873 Answering Service: 327-0531

Customer: Davis Oil Co.

Address: 230 W. North St.

City: Cortez State: Colo. Zip: 81321

Date of Job: 13 Jan 83

Type of Job: Plug Depth: Ft.

New Well ☐ Old Well ☒ Other ☐

Pump Truck Used: 105 Mileage: 60

Bulk Truck Used: 108 Ton Mileage:

Well No.: Lease: Chas Fagerstrom No. 1

County: San Juan State: Utah

Field:

Size of Hole: 2 7/8 Depth: 5564 Ft.

Size & Wt. of Casing: 5 1/2 - 20 Depth: 5565 Ft.

Size & Wt. of Pipe: Depth: Ft.

Top Plugs: Type:

Bottom Plugs: Type:

Cement and Additive Data: Bulk ☒ Sacks ☐

SACKS	BRAND	TYPE	OTHER
120 Class	"B" Cement		Plug #1 20 Sacks - Set at 5365 (3565)
			Plug #2 2900 to 2200
			Plug #3

Slurry Weight: 15.6 lbs./gal. Slurry Volume: lbs./cu. ft.

Sacks Cement Treated with % of

CORRECTED COPY

CONTRACT [illegible]

[illegible]