

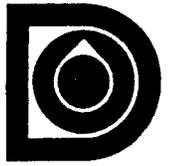
DAVIS OIL COMPANY

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

NEW ORLEANS  
HOUSTON  
TULSA

RECEIVED

MAR 23 1981



COLO. OIL & GAS CONS. COMM.

March 6, 1981

TIGHT HOLE

U.S.G.S.  
1745 West & 1700 South  
Salt Lake City, Utah 84104

**CONFIDENTIAL**

RE: #1 Skyline Unit  
~~NGSE~~ Sec. 5, T26S, R20E  
Grand 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 the Utah State Oil & Gas Commission, we are furnishing them with a copy of our application and staking plat.

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

Very truly yours,

DAVIS OIL COMPANY

Michelle Fisher  
Geological Secretary

/mf  
Enclosures

✓ cc: Utah State Oil & Gas Commission

RECEIVED

APR 13 1981

DIVISION OF  
OIL, GAS & MINING

RECEIVED

SUBMIT IN TRI-CATE\*

MAR 28 1981

Other instructions on reverse side)

TIGHT HOLE

Form approved.  
Budget Bureau No. 42-R1425.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

U.S. & GAS CONS. COMM.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL

DEEPEN

PLUG BACK

b. TYPE OF WELL

OIL WELL

GAS WELL

OTHER

SINGLE ZONE

MULTIPLE ZONE

2. NAME OF OPERATOR

DAVIS OIL COMPANY

3. ADDRESS OF OPERATOR

410 17th Street, Suite 1400, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface

NWSE Sec. 5, T26S, R20E

At proposed prod. zone

~~2000' FEL. 1968 FEL.~~ 1969' FSL & 2000' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

28 miles to Moab, 10 air miles due east to Moab, Utah

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

1830' East

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

NONE 7400' Base Salt

21. ELEVATION (Show whether B.S. or M.S.L.)

3680' GR Est -5694' KB Est

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

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.50# K-55	STC (NEW)	0-300' 200 sxs. est.
12 1/4"	9 5/8"	36# K-55	STC (NEW)	0-3000' 400 sxs. est.
8 3/4"	5 1/2"	20# N-80	LTC (NEW)	0-7400' 350 sxs. est.

(SEE TEN POINT PROGRAM)

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

DATE: 5/23/81

BY: [Signature]

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

24. SIGNED Ed Lafaye  
Ed Lafaye

TITLE Chief Geologist

DATE 3/6/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

MAR 23 1981

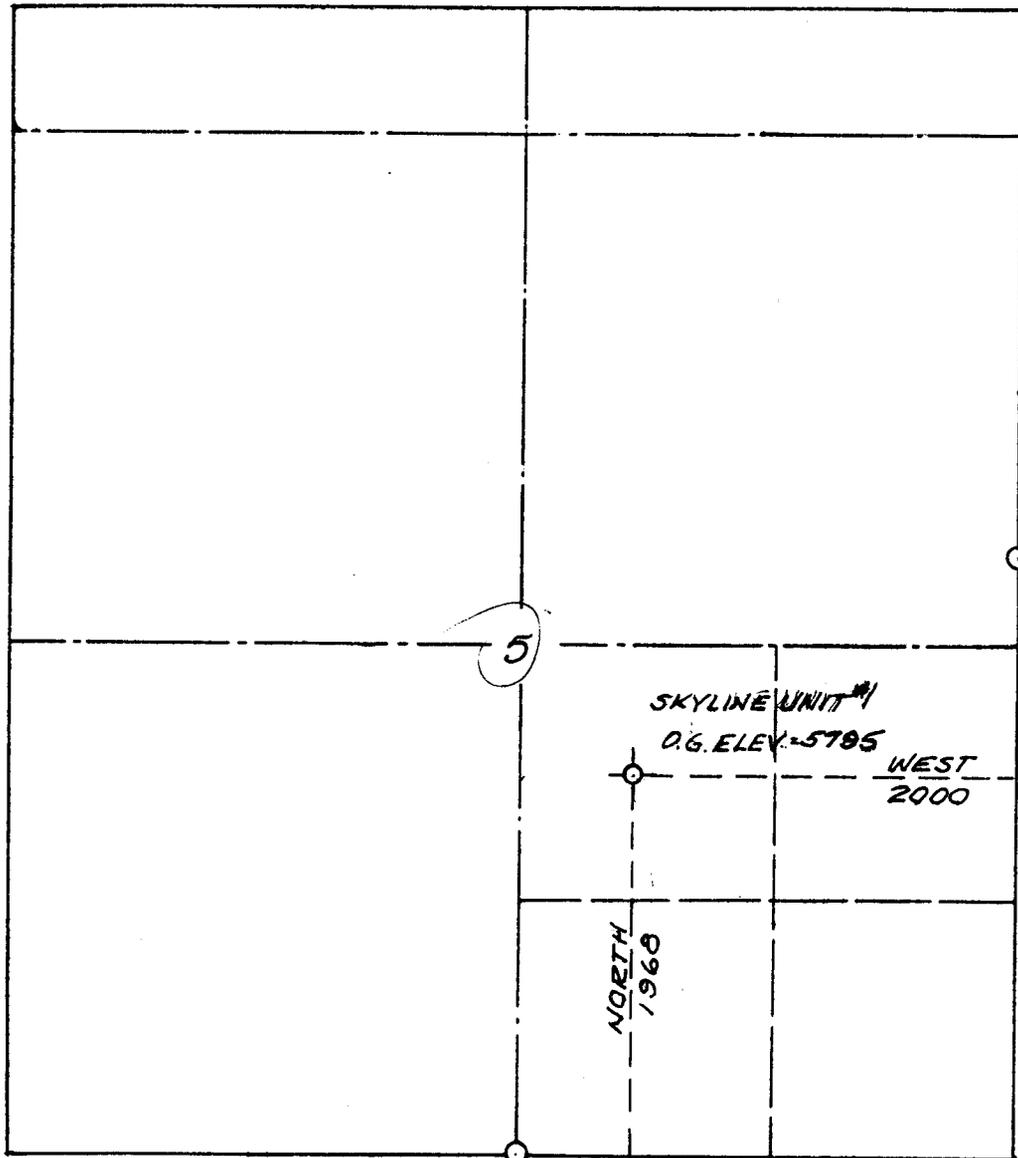
COLO. OIL & GAS CONS. COMM.

Well Location Plat  
Skyline Unit No. 1

R20 E

BEARING FROM SOLAR OBSERVATION  
N

T  
26  
S



B.C.  
W.C. 1/4 COR.  
(found)

N0°03'W 5912' REC.

SKYLINE UNIT #1  
O.G. ELEV. -5795

WEST  
2000

NORTH  
1960

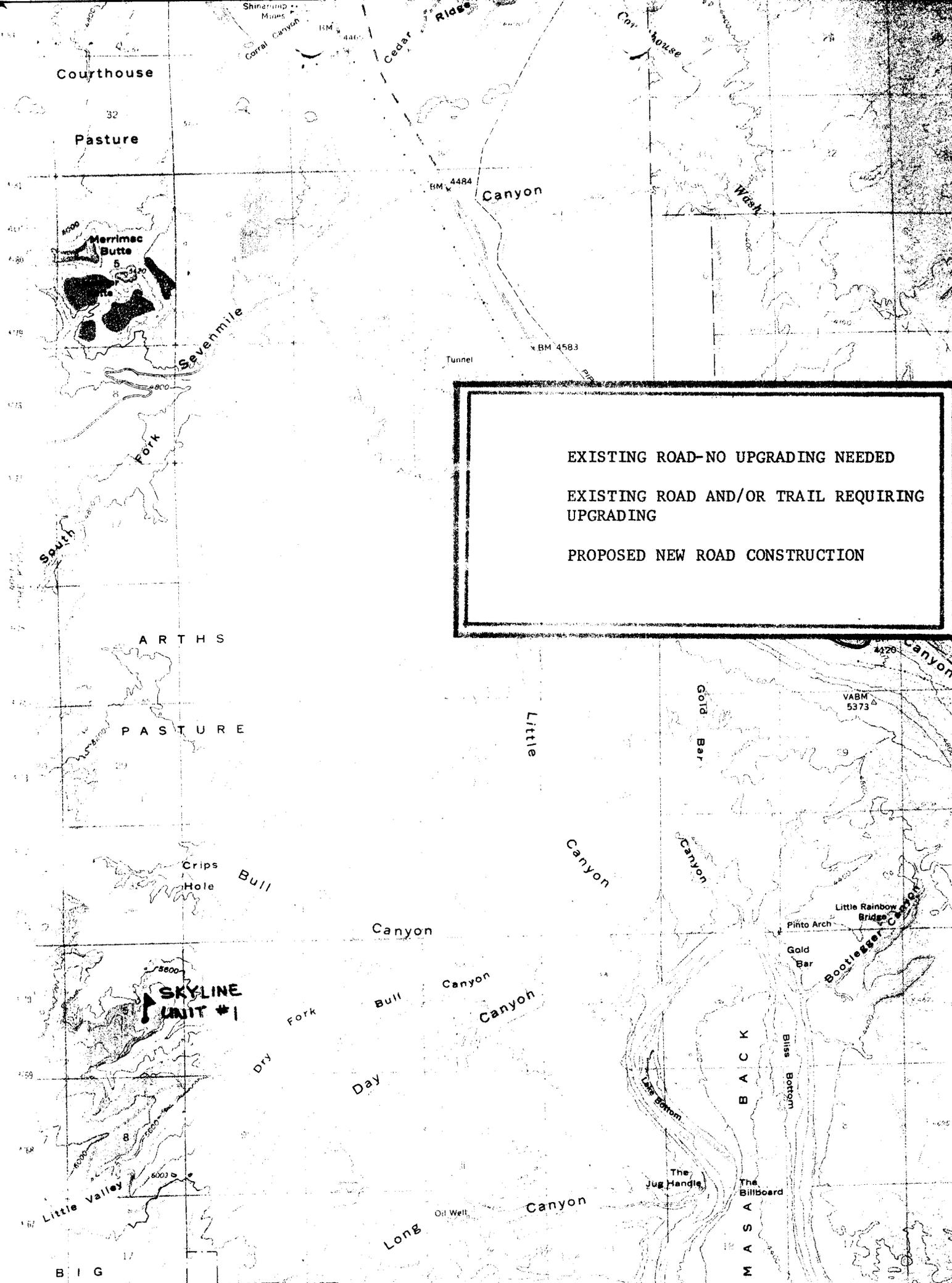
N89°53'W 5258' REC. 1/4 corner B.C.  
(found)



*John E. Knight*

UTAH R.L.S. No 1963

FOR: DAVIS Oil Co.  
Well Location Plat  
in NW 1/4 SE 1/4, Section 5  
T26S, R20E, S.L.B & M.  
Grand County, Utah  
Scale 1"=1000'  
Transit & EDM Survey  
Elevation by Vertical  
Angles from U.S.G.S. topo  
Quad "MOAB 4 SW" 1952  
(Elev. W.C., E 1/4 Cor., Sec. 5 = 5648)



EXISTING ROAD-NO UPGRADING NEEDED

EXISTING ROAD AND/OR TRAIL REQUIRING UPGRADING

PROPOSED NEW ROAD CONSTRUCTION

ARTHS

PASTURE

SKYLINE UNIT #1

M A S A C K

TEN POINT PROGRAM

RECEIVED

MAR 23 1981

COLORADO OIL & GAS CONS. COMM.

- 1) SURFACE FORMATION: Glen Canyon Group
- 2 & 3) ESTIMATED TOPS: (Water, Oil, Gas or Mineral bearing formations)

Glen Canyon Group	Surface	water
Moenkopi	480'	water
Cutler	840'	brackish water where porous
Hermosa	2385'	salt water where porous
Ismay	3340'	salt water where porous
Desert Creek	3455'	salt water where porous
Paradox Salt	3918'	salt water where porous
Cane Creek	6892'	possible oil and gas productive
Base Salt	7304'	tite
Total Depth	7400'	

- 4) CASING PROGRAM: 17 1/2", 13 3/8" 54.50# K-55 STC (NEW) 0-300' 200 sxs. est.  
12 1/4", 9 5/8" 36# K-55 STC (NEW) 0-3000' 400 sxs. est.  
8 3/4", 5 1/2" 20# N-80 LTC (NEW) 0-7400' 350 sxs. est.

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

- 6) MUD PROGRAM: 0-300' fresh water/gel/lime/spud mud  
300-3000' air or air/mist  
3000-7400' salt water/salt gel. 35-45 vis., 15 cc W.L., PH 9.5-11.

APR 13 1981

Sufficient mud materials to maintain mud properties, control lost circulation and to contain blowout will be available at wellsite.

DIVISION OF  
OIL, GAS & MINING

- 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:

Laterolog - from base of surface casing to total depth.

CNL-FDC - from base of surface casing to total depth.

Dipmeter - from base of surface casing to total depth.

CORING:

1 possible in Cane Creek.

8) Continued -

TESTING:

2 DST's - Paradox

STIMULATION:

Cane Creek Formation - 30,000 gallons of gelled acid with ± 1 ppg of sand.

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.

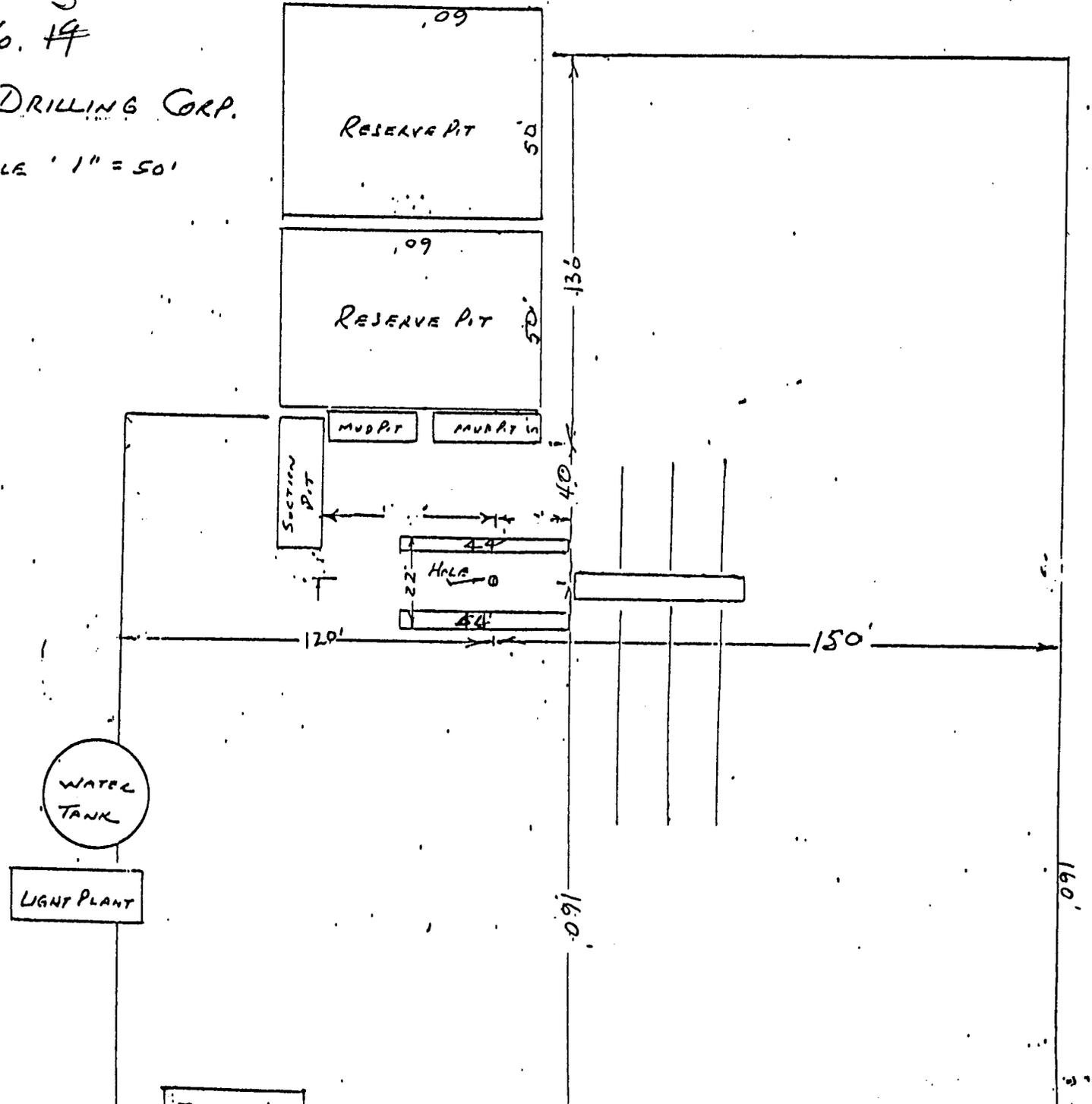
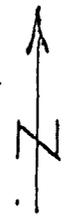
ESTIMATED BOTTOMHOLE PRESSURE: 5500 PSI.

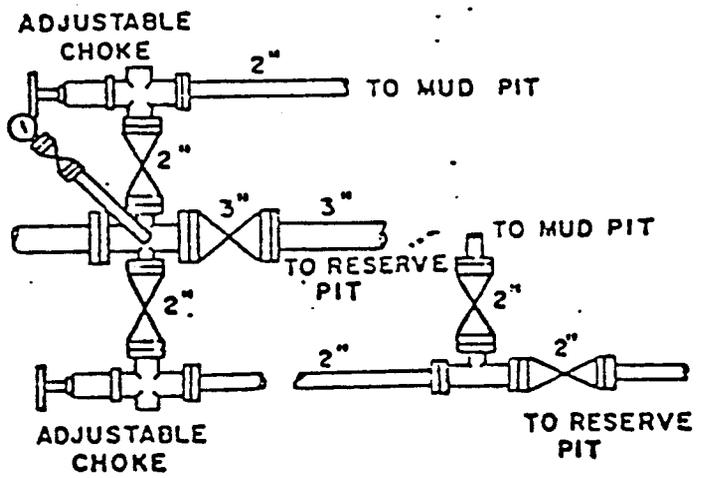
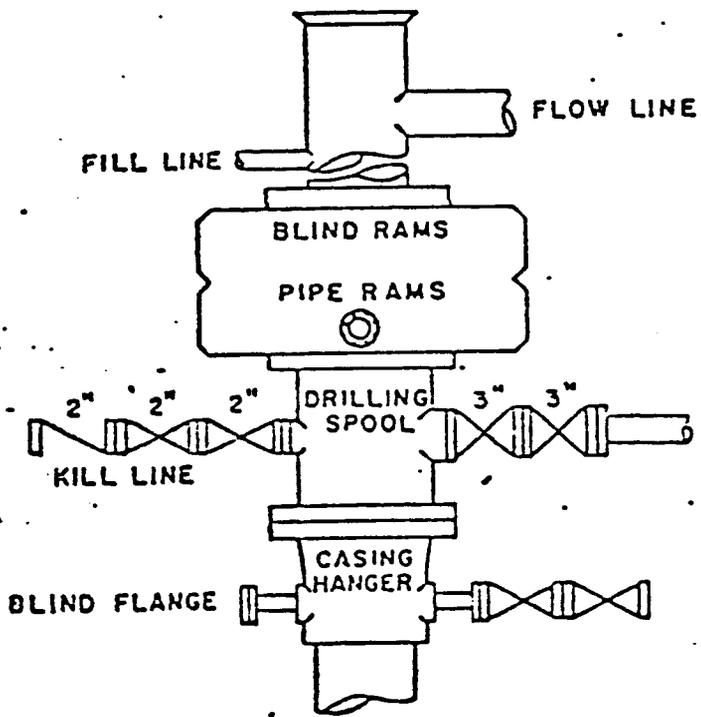
10) ANTICIPATED STARTING DATE: Within 30 - 45 days from Government-approval.

DURATION OF OPERATION: 30 - 60 Days.

B.O.R. Chapter South West. 12" X 300 Series

<sup>5</sup>  
RIG. No. 14  
CACTUS DRILLING CORP.  
APPROX SCALE 1" = 50'





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

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator/Project Name Davis Oil Co. Skyline Unit #1  
 Project Type Wildcat Oil Test (Unit Obligation Well)  
 Project Location 2000' FEL, 1968' FSL, Sec. 5, T265, R20E, Grand Co., Utah  
 Date Project Submitted March 20, 1981

FIELD INSPECTION

Date April 9, 1981

Field Inspection  
 Participants

- Keith Dana, Garry Roggow - Davis Oil
- Jim Bolden - Bolden Construction
- Bobby Starrett - Dalgarno Transportation
- Elmer Duncan, Mical Walker - BLM
- Glenn Doyle - USGS

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.

April 10, 1981  
 Date Prepared

Glenn M. Doyle  
 Environmental Scientist

I concur

4/14/81  
 Date

Evling  
 District Supervisor

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
Public health and safety					1, 2			4/9/81	
Unique characteristics					1, 2				(
Environmentally controversial					1, 2				
Uncertain and unknown risks						4			
Establishes precedents					1, 2				
Cumulatively significant							6		
National Register historic places	1-4/10/81								(
Endangered/threatened species	1-4/10/81								
Violate Federal, State, local, tribal law						4			3

Site-specific stipulations attached

Site-specific stipulations

- 1) Notify the USGS (Glenn Doyle) 24 hours prior to reserve pit construction so that an inspection of subsurface porosity/permeability can be made and a decision regarding lining methods finalized.
- 2) The north arrow on the location layout is improper. It should be changed so that it is pointing approximately 90° west of the original bearing. (See layout)
- 3) A swath of vegetation 1.5 cat blades wide will be cleared from behind the blooie pit.
- 4) Stockpile what topsoil is available, including any sands, on the east edge of the location and stabilize it against wind erosion with trees cut from the wellsite.

COMMON REFERENCE LIST

NEPA Categorical Exclusion Review

1. SMA Input
2. Reviews, reports, or information received from Geological Survey (CD, GD, WRD, TD).
3. Lease Stipulations/Terms
4. Application to Drill
5. Operator correspondence
6. Field observation
7. Private Rehabilitation Agreement



# United States Department of the Interior

IN REPLY REFER TO

BUREAU OF LAND MANAGEMENT  
Moab District  
Grand Resource Area  
P.O. Box M  
Moab, Utah 84532

3109  
(U-068)

APR 10 1981

## Memorandum

To: Oil & Gas Office  
USGS Conservation Division  
P. O. Box 3768  
Grand Junction, CO. 81502

From: Area Manager, Grand

Subject: Davis Oil Company  
Skyline Unit #1, Lease # U-15029  
NW/SE Section 5, T. 26 S., R. 20 E., SLB&M  
Grand County, Utah

On April 9, 1981 a representative from this office met with Glenn Doyle, USGS, and Keith Dana, agent of the Davis Oil Company for an inspection of the above referenced location. Subject to the attached conditions and written approval from USGS, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to Davis Oil Company.

*Greg R. Dawson*  
ACTING

Enclosures: (3)  
1-Reclamation Procedures  
2-Seed Mixture  
3-Suggested Colors - Production Facilities

## STANDARD STIPULATIONS FOR OIL & GAS EXPLORATION

Contact this office at least 48 hours prior to beginning construction of access road and pad.

Stockpile the surface six inches of topsoil or what amount is available in a wind-row on the northeast quadrant of the location.

The upper banks (uphill side) of all cuts will be rounded during construction of the access road and pad.

Notify the BLM District Archaeologist if cultural material from sub-surface deposits is exposed during the operation.

The bottom half of the reserve pit will be lined with at least 2-3 inches of bentonite spread over the surface and raked into the soil.

The trash cage will be at the location and fenced with fine mesh wire during drilling operations.

The "blooey" line will be centered and directed into the pit.

If production is obtained, the access road will be upgraded to BLM specifications for long-term roads as outlined in the surface use standards sections of the the "Oil and Gas" pamphlet (joint BLM, USGS, and USFS publication).

If production is obtained, all production facilities will be painted. (Refer to enclosed suggested colors for production facilities).

Rehabilitation of the site and access road will be accomplished in accordance with the enclosed restoration procedures.

A 36 inch high dirt berm will be installed around the oil tanks.

Tanks and other facilities will be set on gravel that will be hauled to the pad.

As agreed upon at the pre-drill field examination.

### Access

An existing road goes to this location. It will be upgraded as needed, including low water crossings in each drainage until oil production from the well is determined. Surface disturbance will be kept to a minimum. Any trees (pinon and juniper) and vegetation removed from the existing road will be windrowed along the edge.

Temporary road width will be 18-20 foot travel surface with borrow ditches along each side for water control.

#### Location

Trees (pinon and juniper) removed from the location will be stockpiled off the pad and behind the topsoil.

Trees and vegetation 1.5 cat blades wide will be cleared from around the outside of the blooie pit.

Pit(s) will be fenced with five (5) strands of barbed wire, along three sides prior to drilling the well. The fourth side will be fenced prior to rig removal. The bottom wire will be six (6) inches from the ground level, and the next four (4) wires will be spaced at 12 inches, 20 inches, 30 inches, and 42 inches from the ground.

Pit(s) will be 120 feet long by 100 feet wide by 10 feet deep. That portion of the dikes off the pad will be 2 feet higher than the pad. The dikes or pit banks will be compacted with machinery, and the top of the dike wide enough for a cat to travel over it.

#### Restoration

##### Producer

In addition to part 10 of your 13 point plan, the non-producing area will be from within 20 feet of the outside of the anchors or deadmen on the pad out to the edge of the disturbed surface. This area will be ripped or disked after the topsoil is replaced and prior to seeding.

The dirt work will be done immediately after rig removal, and the area will be seeded in the fall of the year.

##### Non-Producer

You will follow part 10 of your 13 point surface use and operation plan. The disturbed area, pad and short access road will be ripped or disked after replacing the topsoil and prior to fall seeding.

Any seeding that is broadcast onto the ground will be covered by harrowing or raking the ground.

#### Water

Water can be hauled from Seven-Mile Spring, so long as sufficient amounts are left for cattle using this range allotment. Otherwise water will be hauled from the Colorado River. No oil or contaminant will be allowed to escape into the spring from trucks that are used to haul the water.

## Seed Mixture

<u>Species</u>		<u>Rate</u> <u>lbs/acre</u>
<u>Grasses</u>		
Oryzopsis hymenoides	Indian rice grass	1
Hilaria jamesii	Curley grass	1
Stipa comata	Needleandthread grass	1
<u>Forbs</u>		
Sphaeralcea coccinea	Globe mallow	.5
Melilotus officinalis	Yellow sweetclover	.5
<u>Browse</u>		
Coleogyne ramosissima	Blackbrush	1
Ephedra nevadensis	Mormon tea	1
Atriplex canescens	4-Wing saltbush	1
		7

## RECLAMATION PROCEDURES IN GRAND RESOURCE AREA

1. Disk or rip pads and access roads.
  - a. Overlap passes in order to insure complete treatment.
2. Contour pads and access roads.
  - a. Lay berms into centers.
  - b. Use cut material for fill areas.
  - c. Lay stockpiled surface soil over top of pads and spread evenly.
  - d. On highly erosive soils, it may be more beneficial to grade slopes to reduce steepness.
  - e. Do not smooth pads out, leave a roughened surface. On steeper slopes and slopes with clayey soils scarify or serrate the ground in order to increase water infiltration and reduce erosion.
3. Water bar roads where required by this office.

* 2 percent	Grade	-	200 ft. intervals
2-4 percent	Grade	-	100 ft. intervals
4-5 percent	Grade	-	75 ft. intervals
5 percent	Grade	-	50 ft. intervals

\* Actual spacing may vary according to soil stability. Lighter textured soils will require more frequent water bars. When natural drainage ways are present, water bars are to be constructed to make maximum use of them. Plan operations so that natural drainage ways do not become blocked.
4. Seed roads and pads in the fall (Oct. through mid-Dec.).



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

### SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

#### Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Tumbleweed	(Pratt & Lambert)
Desert Tan	-----
Sage Gray	(Pratt & Lambert)

#### Bookcliffs Region:

Sage Gray	(Pratt & Lambert)
Sea Life	(Pratt & Lambert)
Dynasty Green	(Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

FROM: DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-15029

OPERATOR: Davis Oil

WELL NO. 1

LOCATION: C NW 1/4 SE 1/4 sec. 5, T. 26S, R. 20E., S1M

Grand County, Utah

1. Stratigraphy:

Glen Canyon	surface		
Moenkopi	480'	Paradox Salt	3920'
Cutler	840'	Cane Creek	6890'
Hermosa	2385'	Base Salt	7365'
Ismay	3340'	<u>TD</u>	<u>7400'</u>
Desert Creek	3455'		

2. Fresh Water:

Fresh water may be present thru Moenkopi, and in Cutler sandstones.

3. Leasable Minerals:

Sodium & Potassium salts: Paradox

Oil / Gas: Cane Creek

4. Additional Logs Needed: Adequate

5. Potential Geologic Hazards: none expected

6. References and Remarks:

Signature: Gregory W. Wood

Date: 3-28-71

\*\* FILE NOTATIONS \*\*

DATE: May 11, 1981  
OPERATOR: Davis Oil Company  
WELL NO: Skyline Unit # 1  
Location: Sec. 5 T. 26S R. 20E County: Grand

File Prepared:  Entered on N.I.D.:   
Card Indexed:  Completion Sheet:

API Number 43-019-30796

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_

Director: B K UNIT C-3 [Signature]

Administrative Aide: ok in Skyline Unit (appr: 4/28/81)  
ok on hydrog. for oil & gas - all formations  
unitized.

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 3ed. Plotted on Map   
Approval Letter Written   
Hot Line  P.I.

May 19, 1981

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

Re: Well No. Skyline Unit #1  
Sec. 5, T. 26S, R. 20E, NW SE  
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-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 (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

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

The API number assigned to this well is 43-019-30796.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

  
Cleon B. Feight  
Director

CBF/ko  
cc: USGS

**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. 43-015029  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Grand FIELD/LEASE Wildcat/Skyline Unit

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

May, 19 81

Agent's Address 410 17th Street Company Davis Oil Company  
Suite 1400 Signed P.M. Singleton  
Denver, Colorado 80202 Title Production Services Manager  
 Phone No. (303) 623-1000

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)
5 SW NE	26S	20E	1	-0-	-0-	✓	-0-	-0-	-0-	5-7-81 M.I.R.T. 5-9-81 SPUDDED 5-12-81 DEPTH @ 503' RAN 12 JTS. 13 3/8" 54.5# K-55 CSG. & CMTD. @ 500' KB W/H65 SXS. 5-20-81 DRILL TO 2876'.

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**

Grand County Road Department.

June 17, 1981

Dear Sir:

This letter is to notify you that the Grand County Road Dept. has no objections to the disposal of salt water on County gravel or dirt roads in the County area.

The request for this letter was made by Tommy Goodwin of Liquid Transport.



Grand County Road Supervisor

**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. 43-015029  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Grand FIELD/LEASE Wildcat/Skyline Unit

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

JUNE, 19 81

Agent's Address 410 17th Street Company Davis Oil Company  
Suite 1400 Signed R.M. Lewis  
Denver, Colorado 80202 Title Production Services Manager  
 Phone No. (303) 623-1000

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)
5 SW NE	26S	20E	1	-0-	-0-	-	-0-	-0-	-0-	5-21-81 - DRLLG. TO 3135'. 5-25-81 - RAN 100 JTS. 95/8" 36# K55 Csg. & SET @ 4035' KB W/750 SKS. 6-8-81 - DRLLG. TO 7003'. 6-15-81 - CURED 40'. 6-16-81 D.S.T. #1 7463-7471'. DRLLG. TO 7531'. 6-20-81 DEPTH @ 7670'

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**

SKYLINE UNIT #1  
SWNE Sec. 5 T26S-R20E  
Grand, UT  
U-15029

CUM IDC \$352,271.00

PRESENT OPERATION - Pumping

12-15-81 Pumped 46 Bbls fluid in 24 hrs. All water. Modified fresh water injection system so as not to lose propane running fresh water pump.

11:00 - 11:00 20 46 0 46 BW

24 hrs 46 0 46

BLOTR + 167.35 BLETR + 104.67

1. DAYS FROM RIG UP 118

CUM IDC \$352,271.00

PRESENT OPERATION - Pumping

-16-81 Pumped 22 Bbls of water, no oil, last 24 hours. Probably still pumping the water that had accumulated while waiting to pull the rods and pump.

BLOTR + 167.35 BLWTR + 124.67

CUM IDC \$352,271.00

PRESENT OPERATION - Pumping.

12-17-81 For the last 24 hrs the well produced 6.68 BO, 28 BW. 13 BBLs of fresh water was injected. BLOTR +174, BLWTR +152.67.

SKYLINE UNIT #1

FI: CANE CREEK FORMATION

PERFORATION 7,455'-7,508' 13 HOLES

T.D. 7,670'

DAYS FROM RIG UP 120

LC CUM IDC \$352,671.00

PRESENT OPERATION - Pumping.

CC12-18-81 Pumped 20 BO last 24 hrs, no water. Fresh water line froze overnight. Insulated line and put a box around the fresh water pump. BLOTR +194, BLWTR +153.

CUM IDC \$352,671.00

PRESENT OPERATION - Pumping.

12-19-81 Pumped 10 BO last 24 hrs, and 15 BW. Injected 3 BBLs of fresh water. BLOTR +200, BLWTR +168.

12-20-81 Pumped 24 hrs, 11.7 BO and 2 BW. Injected 3 BBLs of fresh water. BLOTR +215.7, BLWTR +169.7.

CUM IDC \$352,671.00

PRESENT OPERATION - Pumping.

12-21-81 Last 24 hrs the well pumped 12 BO, 3 BW. When pumper arrived on location well had been pumped off. BLOTR +228, BLWTR +173.

CUM IDC \$352,671.00

PRESENT OPERATION - Pumping.

12-22-81 No production, last 24 hrs. Either pumped off, gas locked or pump plugged with salt. Injected over 27 BBLs fresh water last three days. Tried to shoot fluid level, could not get echometer to work. BLOTR +228, BLWTR +173.

CUM IDC \$352,671.00

PRESENT OPERATION - Pumping.

12-23-81 Pumped 24 hrs, but didn't pump any fluid. Worked w/ adjusting rods and it started pumping. Shot fluid level in cog and it was 1,110' from surface. Down hole pump was probably gas locked. BLOTR +228, BLWTR +173.

12-24-81 Pumped 5 BO, 31 BW. BLOTR +234, BLWTR 204.

12-25-81 Pumped 8 BO, 11 BW.

12-26-81 Pumped 10 BO, 26 BW.

12-27-81 Pumped 15 BO, 18 BW.

SKYLINE UNIT #1  
(CONT.)

WELL NAME: Skyline #1

PAGE:      CUM IDC \$352,571.00

PRESENT OPERATION - Pumping.  
12-28-81 Pumped 12 BO, 26 BW. BLOTTR +246, BLWTR +230.

CUM IDC \$353,271.00  
PRESENT OPERATION - Pumping.  
12-29-81 Pumped 7 BO, 18 BW. Replaced the fresh water tank that was on location w/ one that had a heater in it. No fresh water injected. 24 hrs, 25 BF. BLOTTR +253, BLWTR +248.

CUM IDC \$353,271.00  
PRESENT OPERATION - Pumping.  
12-30-81 Pumped 6 BO, 10 BW. BLOTTR +259, BLWTR +258.

CUM IDC \$353,271.00  
PRESENT OPERATION - Pumping.

12-31-81 Pumped 8 BO, 18 BWLS of salt water. Injected 20 BBLS fresh water. Hauled first load of oil off location. Approx, 225 BBLs. BLOTTR +267, BLWTR +276.

1-1-82 Pumped 15 BO, 22 BW. BLOTTR +282, BLWTR +298.

1-2-82 Pumped for 24 hrs, produced 10 BO, 12 BW. BLOTTR +292, BLWTR +310.

1-3-82 Last 24 hrs, pumped 10 BO, 15 BW. Injecting 15 BBLs fresh water. BLOTTR +302, BLWTR +325.

SKYLINE UNIT #1  
CANE CREEK FORMATION  
T.D. 7,670'  
CUM IDC \$353,271.00

PERFORATION 7,455'-7,508' 13 HOLES  
DAYS FROM RIG UP 134

1-4-82 PRESENT OPERATION - Pumping.  
Pumped 2 BO, 3 BW. Final report.

DAVIS OIL COMPANY

10 - 17TH STREET, SUITE 1400  
DENVER, COLORADO 80202  
TELEPHONE 302-733-1800

**RECEIVED**  
DIVISION OF OIL, GAS & MINING  
JUL 13 1981

*Conf.*



DIVISION OF  
OIL, GAS & MINING

Skyline Oil Company  
2000 University Club Bldg.  
Salt Lake City, Utah 84101

ENI Exploration Company  
The Grande, Suite 400  
100 N. 27th St.  
Billings, MT 59101

Estate of Wm. Helis  
912 Whitney Bldg.  
New Orleans, LA 70130

Marc Rich & Co.  
International Ltd.  
280 Park Ave.  
New York, NY 10017

Coors Energy Co.  
P.O. Box 467  
Golden, CO 80401  
Attn: Steve Church

JMB Energy Corp.  
875 N. Michigan Ave.  
Chicago, ILL 60611

Interstate Investment Co.  
P.O. Box 370308  
Miami, Florida 33137

USGS  
1745 West & 1700 South, Room 2000 Adm. Bldg  
Salt Lake City, Utah 84104

Mr. Gay Land  
c/o Vale & Co.  
6 E. 43rd Street, 21st Floor  
New York, NY 10017

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

ENI Exploration  
1417 116th St.  
Call Number C-21611  
Bellevue, Washington 98009

RE: #1 Skyline Unit - TIGHT HOLE  
SWNE Sec. 5, T26S, R20E  
Grand County, Utah

Gentlemen:

Enclosed are your requested number of copies of the Geological Report on the above captioned well for your files. This should complete your files on this well, however, if you need additional information, please give me a call.

Very truly yours,

DAVIS OIL COMPANY

*Michelle*  
Michelle Fisher  
Executive Secretary

/mf  
Enclosures

**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. 43-015029  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Grand FIELD/LEASE Wildcat/Skyline Unit

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

JULY, 19 81

Agent's Address 410 17th Street Company Davis Oil Company  
suite 1400 Signed *P.M. Lightner*  
Denver, Colorado 80202 Title Production Services Manager  
 Phone No. (303) 623-1000

Sep. 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)
5 SW NE	26S	20E	1	-0-	-0-	-	-0-	-0-	-0-	6-21-81 TD @ 7670' DST #2 7616-20' 6-25-81-RAN 179 JTS. 5 1/2" N80 20# CSG. SEC @ 7670; CMTD w/1450 SKS. 6-26-81 RDRT. RELEASED RIG 7-16-81 THRU 7-20-81 W.O.C.T.

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  
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. 43-015029  
Indian Lease No. \_\_\_\_\_  
Fee & Pat. \_\_\_\_\_

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Grand FIELD/LEASE Wildcat/Skyline Unit

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

AUGUST, 19 81

Agent's Address 410 17th Street Company Davis Oil Company  
Suite 1400 Signed P.M. August  
Denver, Colorado 80202 Title Production Services Manager  
Phone No. (303) 623-1000

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)
5 SW NE	26S	20E	1	<u>-0-</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>7-21-81 THRU</u> <u>8-16-81 - WOCT.</u> <u>8-17-81 - MIRUC</u> <u>UNIT.</u> <u>8-20-81 - DRILLED</u> <u>CEMENT 7568' -</u> <u>7601'.</u>

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OCT 13 1981  
DIVISION OF  
OIL, GAS & MINING

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**  
**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. 43-015029  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Grand FIELD/LEASE Wildcat/Skyline Unit

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

SEPTEMBER, 19 81

Agent's Address 410 17th Street Company Davis Oil Company  
Suite 1400 Signed P. M. Leighton  
Denver, Colorado 80202 Title Production Services Manager  
 Phone No. (303) 623-1000

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)
5 SW NE ✓	26S	20E	1	0	0	—	0	0	0	8-21-81 RUN LOGS 8-26-81 - PERF. CANE CREEK @ 7568'; 4 holes PER FOOT. 8-29-81 - PERF CANE CREEK 7533-50'. 9-14-81 PERF. CSG. 7455-08'. 9-15-81 THRU 9-18-81 - SWB. TST. 9-18-81 BROKE DWN. PERFS; PMP'd 142 BBLs FLUID INTO FORMATION, FLW, TST THRU 9-15-81, 9-17-81 - PUT WELL BACK ON PRODUCTION. - FLOW BACK TO TEST.

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**  
 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. 43-015029  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Grand FIELD/LEASE Wildcat/Skyline Unit

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

OCTOBER, 19 81

Agent's Address 410 17th Street Company Davis Oil Company  
suite 1400 Signed [Signature]  
Denver, Colorado 80202 Title Production Services Manager  
 Phone No. (303) 623-1000

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)
5 SW NE	26S	20E	1	-0-	-0-	/	-0-	-0-	-0-	9-21-81 SWABBED. 9-23-81 FRAC WITH 70,000 GAL. SALT SATURATED. WATER, GELLED WITH 8,000# 100 MESH SAND, 130,000# 20/40 MESH SAND AND 900,000 SCF NITROGEN. 9-24-81 THRU 10-2-81 FLOWING THRU TBS. 10-5-81 THRU 10-8-81 SWABBING. 10-13-81 R/H WITH TBS. 10-17-81 W.O. RODS. 10-20-81 W.O. RIGS.

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**  
 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. 43-015029  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Grand FIELD/LEASE Wildcat/Skyline Unit

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

NOVEMBER, 19 81

Agent's Address 410 17th Street Company Davis Oil Company  
Suite 1400 Signed [Signature]  
Denver, Colorado 80202 Title Production Services Manager  
 Phone No. (303) 623-1000

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)
5 SW NE	26S	20E	1	13	126	-	-	-	159	10-21-81 W.O.C.T. 10-27-81 MURCT. 11-2-81 WAITING ON PROPANE TANK. 11-5-81 MOVED IN PROPANE TANK. 11-10-81 STARTED PUMPING UNIT. 11-14-81 THRU 11-20-81 PUMPING.

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

OIL or CONDENSATE: (To be reported in Barrels)  
 On hand at beginning of month 0  
 Produced during month 126  
 Sold during month NONE  
 Unavoidably lost \_\_\_\_\_  
 Reason: \_\_\_\_\_  
 On hand at end of month 126

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

February 10, 1982

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

Re: Well No. Gold Bar Unit #1  
Sec. 29, T. 25S, R. 20E  
Grand County, Utah

Well No. Skyline Unit #1  
Sec. 5, T. 26S, R. 20E  
Grand County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned wells 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

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse  
Clerk Typist

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

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

10

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
 b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
DAVIS OIL COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):  
At surface NWSE Sec. 5, T26S, R20E 2000' FEL, 1968' FSL  
At top prod. interval reported below same  
At total depth same

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FEB 19 1982

DIVISION OF OIL, GAS & MINING

14. PERMIT NO. 43-01930796  
DATE ISSUED 5-15-81

5. LEASE DESIGNATION AND SERIAL NO.  
U-15029

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

7. UNIT AGREEMENT NAME  
Skyline Unit

8. FARM OR LEASE NAME  
-----

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 5, T26S, R20E

12. COUNTY OR PARISH Grand  
13. STATE Utah

15. DATE SPUNDED 5-9-81  
16. DATE T.D. REACHED 6-18-81  
17. DATE COMPL. (Ready to prod.) 11-1-81  
18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 5795' GL 5809' KB  
19. ELEV. CASING HEAD -----

20. TOTAL DEPTH, MD & TVD 7670'  
21. PLUG, BACK T.D., MD & TVD 7601'  
22. IF MULTIPLE COMPL., HOW MANY\* 0  
23. INTERVALS DRILLED BY ROTARY TOOLS 0-7670'  
CABLE TOOLS -----

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Cane Creek 7538'-50', 7455'-7508'  
25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN  
GR, FDC-CNL, BHC Sonic, FIL, DIL, DLL Sidwall Neutron Porosity  
27. WAS WELL CORED YES

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5#	497'	17 1/2"		27,000#
9 5/8"	36#	4035'	12 1/4"		
5 1/2"	20#	7670'	8 3/4"		

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	7525'	

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	PERCENTAGE	HOLES
7538'-50'	.43	13 holes
7455'-7508'	.43	13 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7538'-50'	7000 gals salt saturated gel
7455'-7508'	wtr. 8000# 100 mesh sand.
	120,000# 20/40 mesh sand.
	900,000 SCF Nitrogen.

33.\* PRODUCTION

DATE FIRST PRODUCTION 12-14-81  
 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2 1/2 x 1 1/2 x 16  
 WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-3-82	24	NONE	→	10		*	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
		→	10		*	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Used for fuel \* Injecting 15 bbls. fresh water per day

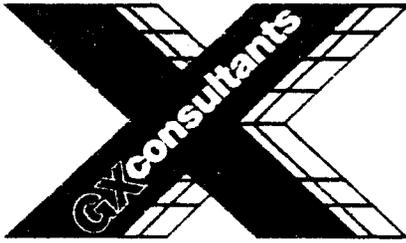
35. LIST OF ATTACHMENTS  
Geological reports previously submitted

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

SIGNED RLH TITLE Division Manager DATE 2/11/82

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





A GEOSCIENCE EXTENSION OF XCO

A handwritten signature in black ink, appearing to read 'Eric Drummond'. The signature is fluid and cursive, with a large initial 'E'.

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

DAVIS OIL COMPANY  
SKYLINE UNIT WELL #1  
SW $\frac{1}{4}$  NE $\frac{1}{4}$  SECTION 5 - T26S - R20E  
GRAND COUNTY, UTAH

GEOLOGIST: Eric Drummond  
GX Consultants

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RESUME

OPERATOR: Davis Oil Company

WELL NAME & NUMBER: Skyline Unit Well #1

LOCATION: SW $\frac{1}{4}$  NE $\frac{1}{4}$   
Section 5 - T26S - R20E

COUNTY: Grand

STATE: Utah

SPUD DATE: May 9, 1981

COMPLETION DATE (TD): June 17, 1981

ELEVATIONS: 5,795' GL 5,808' KB

TOTAL DEPTH: 7,657' LOGS 7,670' DRLR

CONTRACTOR: Arapahoe Drilling Company

RIG: #7

TYPE RIG: Triple Land Rig

PUMPS: #1: 15" x 5.5"  
#2: 12" x 6"

GEOLOGIST: Eric Drummond, GX Consultants

ENGINEER: John Heller

TOOL PUSHER: Erney Penrod

TYPE DRILLING MUD: Saltwater Gel (Air to 4,108')

MUD COMPANY: Imco

MUD ENGINEER: Mike Governale

HOLE SIZES: 17-1/2" - sfc csg  
12-1/4" - 4,008' (intmd)  
8-3/4" - 4,108' - TD

CASING: 12-1/2" sfc - 500'  
9-5/8" 500' - 4,008'

MUD LOGGING BY: Analex - Doug Mehan

TYPE UNIT: 1 Man w/Hotwire and Chromatograph

CORE INTERVALS: 7,483' - 7,523'

DST DEPTHS: 7,463' - 7,526' - #1  
7,520' - 7,657' - #2

RESUME (Cont.)

DST COMPANY: Johnston

ELECTRIC LOGS BY: Schlumberger

TYPE LOGS RUN: FDC-CNL; (4,008' - 7,657')  
(With Depths) DLL-MSFL; (4,008' - 7,657')  
HDT-FIL; (4,008' - 7,657')  
BHC-VDL; (4,008' - 7,657')  
Cyberlook; (4,600' - 7,657')

LOGGING ENGINEER: Mark Puckett

BOTTOM FORMATION: Lower Cane Creek

WELL STATUS: Run production casing to evaluate further

## SUMMARY AND CONCLUSIONS

Davis Oil Skyline #1 was drilled to a total depth of 7,657'. The main zone of interest was the Cane Creek or Clastic zone #21 within the Paradox Salt.

At a depth of 6,238' in Clastic #14, a high pressure salt water zone was encountered that yielded 7 to 10 barrels per minute salt water. This zone flowed again at a depth of 6,640' just prior to drilling Clastic #17. Hotwire gas readings were reduced substantially as the mud weight was increased to 17 pounds per gallon, however, samples examined from Clastic #17 showed a dark gray to black shale with a good light green streaming cut. Logs showed a porosity of 22% and water saturation of 20%. A DST of Clastic #17 was ruled too risky because of inadequate inflatable packer seats and the possibility of losing the hole.

A core of the main porosity zone of the Cane Creek, Clastic #21, revealed a dense, medium to dark gray dolomite, most of which showed very little intercrystalline porosity. However, many near vertical fractures, most of which were filled with calcite and halite, revealed a good light green fluorescence and cut along the fractured plane. DST #1 was run for possibility of finding oil in any of the unfilled fractures. Recovery yielded .75 cubic feet of gas and 1200 cubic centimeters of drilling mud at 260 psi. Logs indicated a 17% porosity with water saturation at 40%. Clastic #21 was determined to be unproductive barring substantial damage.

The Lower Cane Creek was drilled at a depth of 7,542' and consisted of a black, sub fissile, noncalcareous shale showing a good light green streaming cut. Hotwire gas readings showed no increase. Logs indicated 6' of crossover with a porosity of 14% and water saturation at 15%. DST #2 was called on account of the similarity between the same productive zone on the Matthews Federal #1 offset. DST #2 indicated no gas and 200 cubic centimeters of mud at 15 psi.

Davis Oil Skyline #1 was scheduled for production casing to be run to facilitate evaluation through further testing and treating.

FORMATION TOPS AND CORRELATION

<u>FORMATION</u>	DAVIS OIL SKYLINE #1 SEC5-T26S-R20E GRAND CO., UTAH		DAVIS OIL #1 MATTHEWS FEDERAL SEC4-T26S-R20E GRAND CO., UTAH	
	<u>DEPTH</u>	<u>DATUM</u>	<u>DEPTH</u>	<u>DATUM</u>
Paradox Evaporite Sequence (Penn.)				
Clastic #1	4,304	+1,504	3,710	+1,293
Clastic #2	4,496	+1,312	3,907	+1,096
Clastic #3	4,713	+1,095	4,130	+ 873
Clastic #4	4,868	+ 940	4,290	+ 713
Clastic #5	5,194	+ 614	4,615	+ 388
Clastic #6	5,308	+ 500	4,728	+ 275
Clastic #7	5,385	+ 423	4,809	+ 194
Clastic #8	5,561	+ 247	4,992	+ 11
Clastic #9	5,640	+ 168	5,072	- 69
Clastic #10	5,762	+ 46	5,183	- 180
Clastic #11	5,849	- 41	5,277	- 274
Clastic #12	6,042	- 234	5,454	- 451
Clastic #13	6,160	- 352	5,556	- 553
Clastic #14	6,218	- 410	5,610	- 607
Clastic #15	6,379	- 571	5,747	- 744
Clastic #16	6,430	- 622	5,792	- 789
Clastic #17	6,650	- 842	5,938	- 935
Clastic #18	6,729	- 921	5,993	- 990
Clastic #19	6,945	-1,137	6,138	-1,135
Clastic #20	7,131	-1,323	6,284	-1,281
Clastic #21(a)	7,442	-1,634	6,500	-1,497
Clastic #21(b)	7,539	-1,731	6,611	-1,608

WELL HISTORY

1981 DATE	MIDNIGHT DEPTH	FOOTAGE	REMARKS
5/26	4,108	---	Drill out of intermediate casing.
5/27	4,543	435	Drill salt.
5/28	4,934	391	Drilling 24 hours.
5/29	5,576	642	Drilling 24 hours.
5/30	6,082	506	Drilling 24 hours, run survey @ 6,156' - 1½°.
5/31	6,262	180	Mud up to kill water flow.
6/1	6,262	0	Mud up to kill water flow.
6/2	6,262	0	Mud up and circulate.
6/3	6,513	251	Drilling.
6/4	6,664	151	Shut in and mud up to kill water flow a/a.
6/5	6,664	0	Shut in and mud up to kill water flow a/a.
6/6	6,806	142	Drilling.
6/7	6,878	72	TOH for NB #10, TIH, drilling.
6/8	6,994	116	Drilling, take survey @ 6,992' - 1½°.
6/9	7,156	162	Drilling.
6/10	7,354	198	Recondition contaminated mud.
6/11	7,354	0	Recondition contaminated mud.
6/12	7,456	102	Drilling.
6/13	7,479	23	Drilling, TOH for Core.
6/14	7,519	40	Coring for 18 hours.
6/15	7,523	4	Drilling, condition hole for DST #1.
6/16	7,523	0	Testing, TOH w/tool, TIH, drilling.

WELL HISTORY (Cont.)

<u>1981</u> <u>DATE</u>	<u>MIDNIGHT</u> <u>DEPTH</u>	<u>FOOTAGE</u>	<u>REMARKS</u>
6/17	7,574	51	Drilling ahead.
6/18	7,670	96	Drilling, circulate for DST #2, TOH for DST.
6/19	7,670	0	Circulate for loggers, short trip, circulate and TOH for E-logs.
6/20	7,670	0	Run E-logs.
6/21	7,670	0	Run E-logs, wait on orders.
6/22	7,670	0	Wait on orders.

## MUD RECORD

MUDDED UP AT 4108' ON May 26, 1981

1981 DATE	DEPTH	WT.	F. VIS.	P. VIS.	YIELD	GEL STRNT	PH	FILTR	CK.	ALKA.	SALT	CHLO	CALCIUM	GYP / SAND	SOLID/%WTR.	CUMULATIVE COST
5/26	4152	10.0	37	7	9	3/5	10.5	12	2	.1/.3		158000	600	1	95	\$ 5814.00
5/27	4766	10.3	33	7	6	9/11	10.5	14	2	.1/.3		171000	800	.5	93.7	6883.00
5/28	5255	10.4	34	7	6	9/11	11.0	12	2	.1/.3		178000	2800	.25	95.3	8883.00
5/29	5866	10.5	36	8	6	8/11	11.0	12	2	.1/.3		192000	2600	.25	96.0	11,849.00
5/30	6251	10.5	34	9	5	7/11	11.5	11.2	2	.4/.1		192000	2800	.5	95.5	14,740.00
5/31	6260	11.2	50	- Kill	H <sub>2</sub> O Flow								Weight Mud			31,305.00
6/1	6260	14.0	60	29	43	29/75	7.5	74	4	0/1.4		195000	400	.5	72.8	45,159.00
6/2	6377	14.3	70	23	75	60/75	11.0	80	1/4"	0/1.4		185000	90,000	.5	72.8	53,282.00
6/3	6650	14.5	51	26	28	20/30	11.0	42	1/4"	0/1.6		185000	90,000	.5	80	62,357.00
6/4	6665	17.0	57	- No	Check			Kill Mud								75,774.00
6/5	6667	17.0	56	30	40	35/50	NO STRIPS	74	1/4"	.3/.9		200000	100,000	TR	65	108,736.00
6/6	6808	15.4	70	85	45	35/35	8	5	2	0/.8		178000	105,000	.5	65	144,760.00
6/7	6922	15.7	70	64	27	23/30	8	7	2	0/1.6		192000	90,000	.5	65	157,306.00
6/8	7007	15.5	50	33	13	8/17	8	14	3	0/1.1		192000	26,000	.5	65	167,440.00
6/9	7243	15.1	80	53	34	20/35	8	50	1/4"	0/1.0		220000	25,000	.5	65	177,553.00
6/10	7352	17.0	60	52	20	7/32	8.5	6	1	.3/.75		192000	2640	.5	62	204,196.00
6/11	7352	16.1	72	34	34	30/77	9.5	16	3	7.8/17.8		185000	200	2	62	218,469.00
6/12	7483	16.0	66	50	25	14/35	12.0	6	2	8/19		185000	160	.5	62	226,903.00
6/13	7492	16.6	67	47	24	23/77	12.0	6	2	4.3/13		185000	200	2	62	229,543.00



BIT RECORD

<u>BIT #</u>	<u>SIZE</u>	<u>MAKE</u>	<u>TYPE</u>	<u>DEPTH OUT</u>	<u>FOOTAGE</u>	<u>HOURS</u>
1	12-1/4	STC	SDG	Rathole	--	--
2	12-1/4	Reed	X13J	417	417	12-3/4
3	12-1/2	SEC	SL1T	503	86	17-3/4
4	12-1/2	SEC	HO	503	Ream Hole	19-3/4
5	12-1/4	STC	F-3	1,617	1,114	48-1/2
6	12-1/4	Reed	FP53	2,808	1,191	121-1/2
7	12-1/4	STC	F-3	3,160	352	18-1/2
8	12-1/4	STC	RR#10 F-3	4,108	948	20
9	8-3/4	HTC	J-22	6,878	2,769	143-1/4
10	8-3/4	STC	F-2	7,483	1,405	50-1/2
11	8-3/4	Christ.	NC-20	7,523	40	18
12	8-3/4	STC	F-2	7,526	3	2
13	8-3/4	SEC	RR#10 S86F			

DRILL STEM TEST #1

Formation: Cane Creek Formation (Penn.)

Interval: 7,463' to 7,526'

Reason for Test: Good sample shows in core

Type Test: Bottom Hole Conventional Packers

Testing Company: Johnston

Tester: Cliff Richards

Water Cushion: None

IF 30 Minutes: Pressure increased to 1 psi in 2 minutes, remained at 1 psi for 30 minutes, immediate good blow from bottom of 16" bucket.

ISI 60 Minutes: --

FF 120 Minutes: Immediate very weak blow (2-1/2"), decreased to 1-1/2" in 28 minutes, decreased to 1/2" in 108 minutes, remained until FSI.

FSI 300 Minutes: --

Recovery: 96' slightly gas cut mud

Bottom Hole Sampler: Pressure - 260 pounds  
Recovery - .75 cubic feet gas  
1200 cc mud

Resistivity Data: Drill pipe recovery: 96' (.16 ohms @ 68°F)  
220,000 PPM Cl  
Sampler: .09 ohms @ 63°F 220,000 PPM Cl  
Mud Pit: .09 ohms @ 64°F 220,000 PPM Cl

Pressures: Top Chart Bottom Chart

IH: 6,531	IH: 6,592
IF: 99 to 99	IF: 95 to 95
ISI: 191	ISI: 195
FF: 99 to 99	FF: 95 to 95
FSI: 283	FSI: 280
FH: 6,432	FH: 6,499

Top Choke: 1/4" Bottom Choke: 15/16"

Bottom Hole Temperature: 118°F

DRILL STEM TEST #2

Formation: Lower Cane Creek

Interval: 7,520' to 7,657'

Reason for Test: Good shows in samples, good crossover and resistivity values on logs

Type Test: On Bottom, Conventional Packer

Testing Company: Johnston

Tester: Dennis Rosenberg

Water Cushion: None

IF 30 Minutes: Immediate 3 oz. (5") blow dying to 2 oz. in 30 minutes.

ISI 60 Minutes: --

FF 60 Minutes: No blow (0 oz.) throughout flow period.

FSI 454 Minutes: --

Recovery: 317' (1.8 bbls) slightly gas cut mud

Bottom Hole Sampler: Pressure - 15 psi  
Recovery - 200 cc slightly gas cut mud

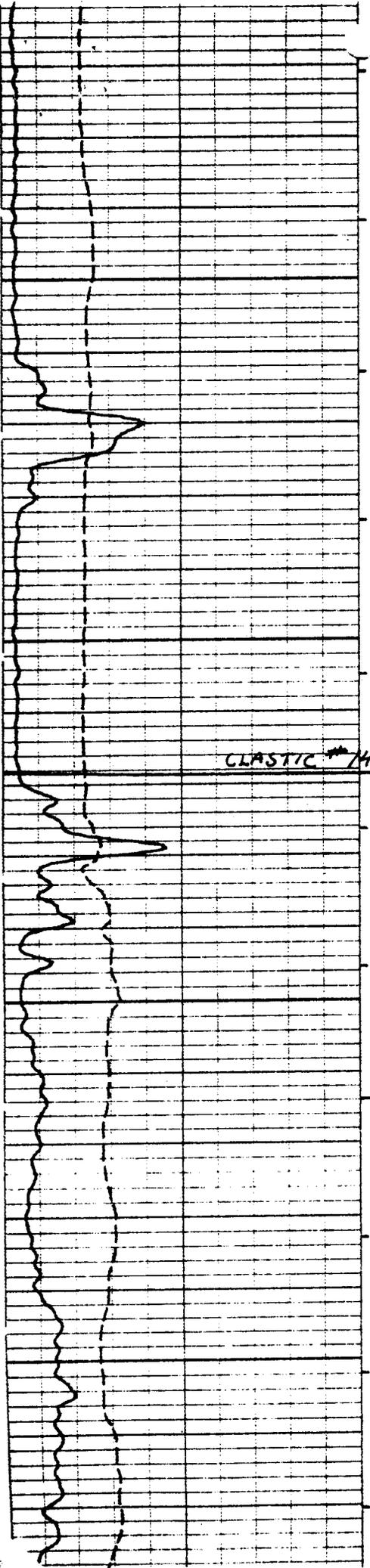
Resistivity Data: Drill pipe recovery: .04 ohms @ 96°F  
162,000 PPM Cl  
Sampler: .04 ohms @ 96°F 162,000 PPM Cl  
Mud Pit: .04 ohms @ 96°F 162,000 PPM Cl

Pressures: Top Chart Bottom Chart

IH: Off Scale	IH: 6,592
IF: 282 to 344	IF: 334 to 390
ISI: 975	ISI: 1,004
FF: 379 to 390	FF: 408 to 445
FSI: 1,599	FSI: 1,656
FH: Off Scale	FH: 6,573

Top Choke: 1/4" hose Bottom Choke: 11/16"

Bottom Hole Temperature: 124°F



6200

6221

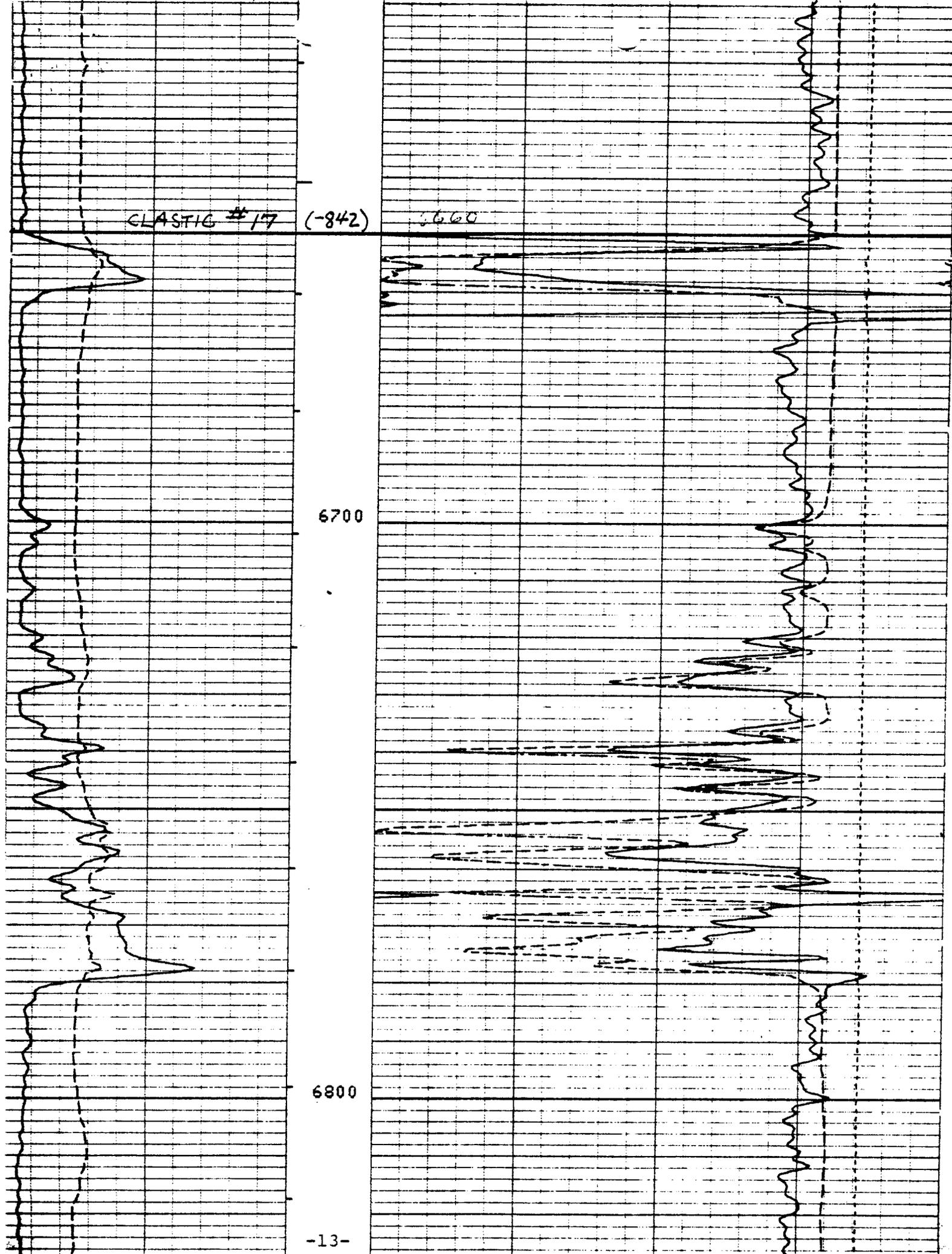
6300

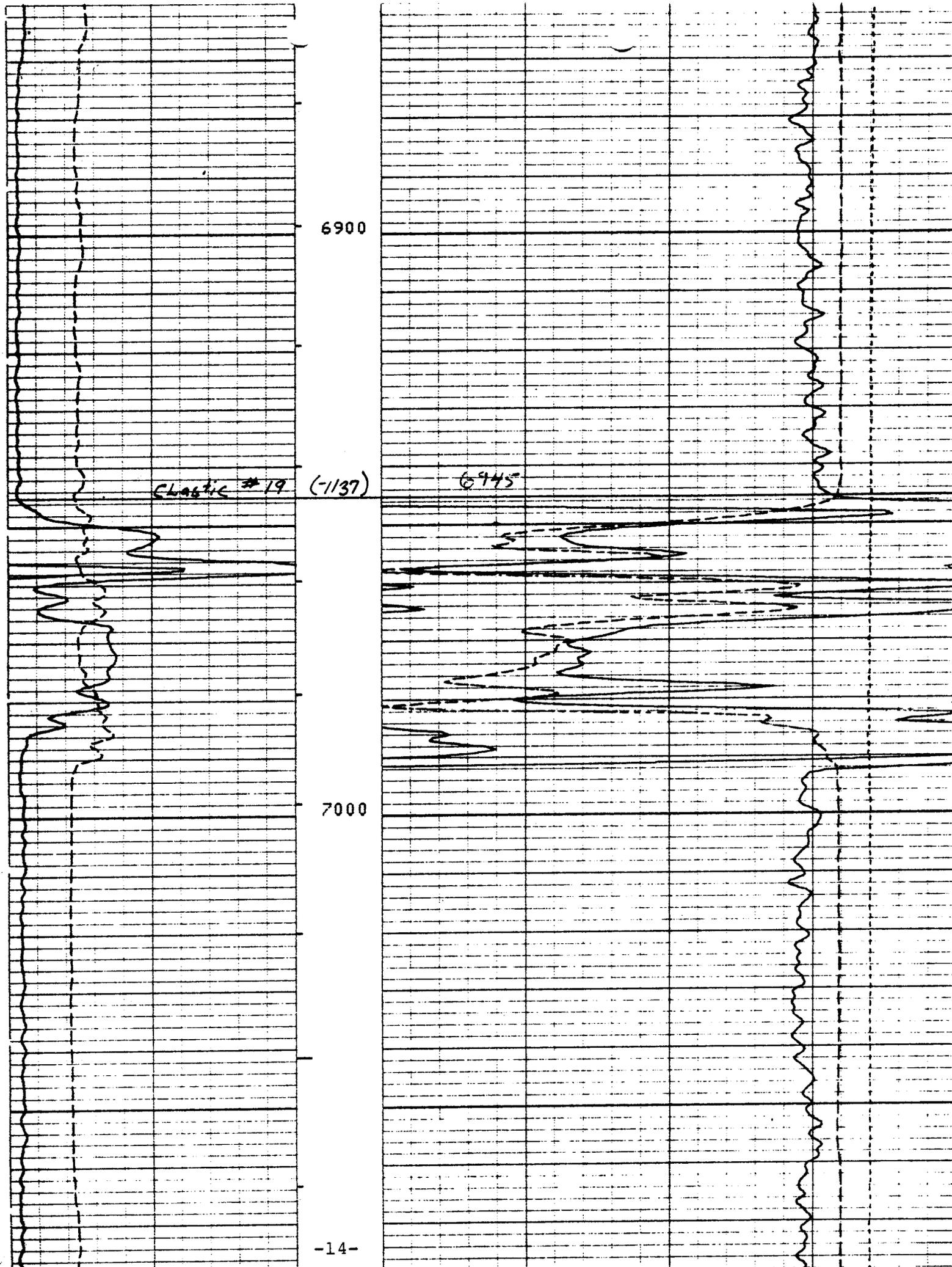
CLASTIC #17 (-842)

6600

6700

6800





6900

CLastic #19 (-1137)

6945

7000

7400

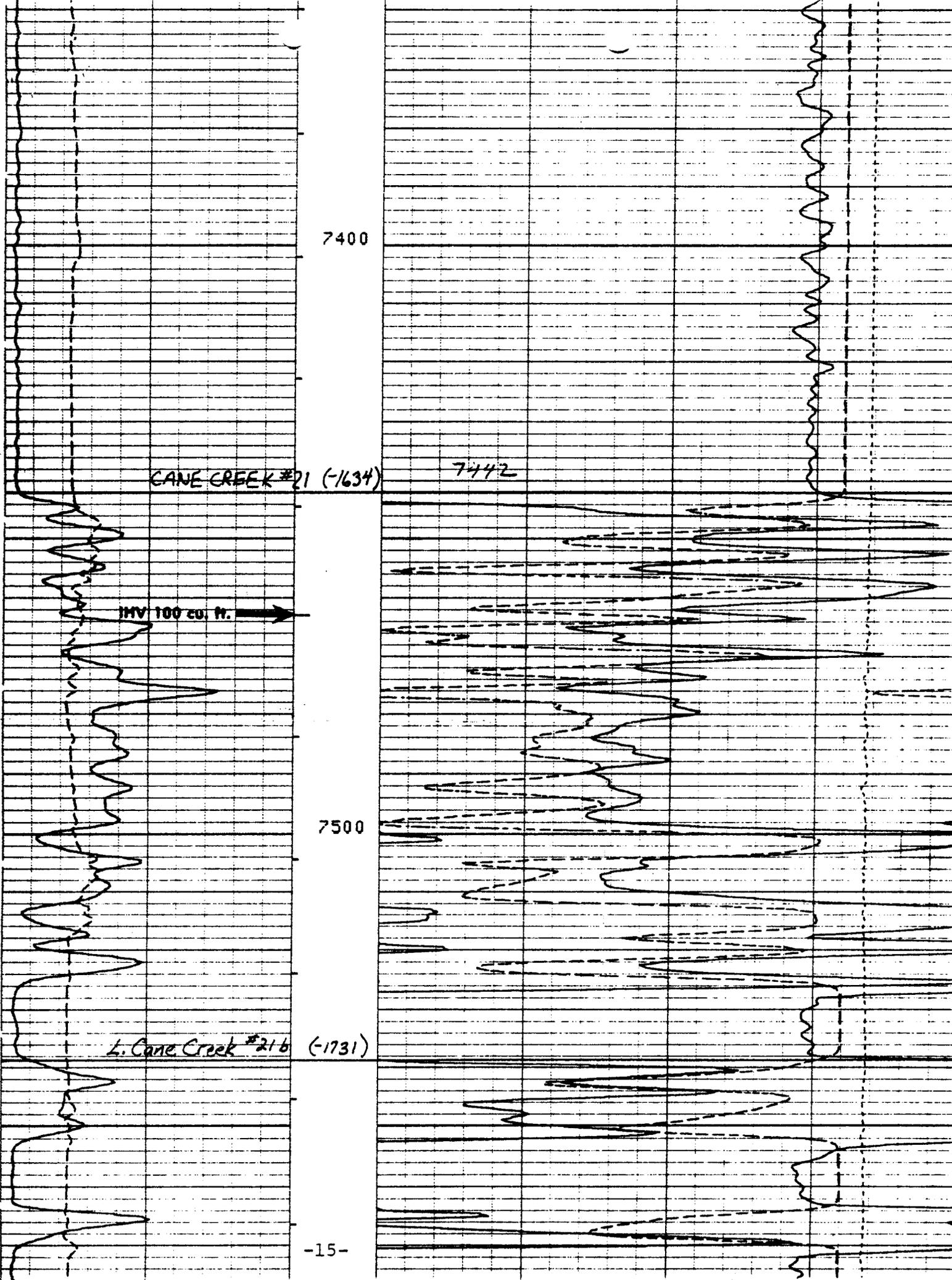
CANE CREEK #21 (-1634)

7442

10V 100 cu. ft. →

7500

L. Cane Creek #21b (-1731)



SALT WATER ANALYSIS

Clastic #14            6,240' - 6,250'

Cl<sup>-</sup>                    220,000 PPM

Bicarbonates        2,310 PPM

Carbonates            0

Total Hardness    48,000 PPM

Ca<sup>+</sup>                    24,000 PPM

Mg                    21,500 PPM

Sodium                62,900 PPM

Barium                24 PPM

Fe<sup>+</sup>                    3.8 PPM

Sulfates              546 PPM

Total  
Dissolved Solids    330,800

pH                    7.8

Resistance            .11 Ohm

## LITHOLOGY

- 4,110-4,140 90% Cement from casing.  
SALT - by drill rate.
- 4,140-4,330 99% SALT - clr-mlky wh, sft, ang, mas.
- 4,330-4,340 80% SALT - clr-mlky wh, brit, ang.  
10% DOLOMITE - lt gy-tan, frm, crpxln, sl arg, p-n Ø,  
NSOFC.  
10% ANHYDRITE - wh, sft, mas.
- 4,340-4,360 40% SHALE - m-dk gy, sme dk brn, sft-frm, sb-n fis,  
mod-v calc, NSOFC.  
60% DOLOMITE - lt gy tan, frm, crpxln, sl arg, p-n Ø,  
NSOFC.
- 4,360-4,380 50% DOLOMITE - lt gy tan, frm, crpxln, sl-mod arg,  
p-n Ø, NSOFC..  
50% SHALE - m-dk gy, dk brn, sft-frm, fis, mod-v calc,  
NSOFC.
- 4,380-4,390 50% ANHYDRITE - wh, sft, mas.  
50% DOLOMITE - lt-m brn, frm-hd, mcrcsuc, mod arg, fr  
intgrnlr Ø, NSOFC.
- 4,390-4,410 50% DOLOMITE - a/a.  
50% ANHYDRITE - wh, sft, mas.
- 4,410-4,500 SALT - clr-mlky wh, brit, ang.
- 4,500-4,520 30% ANHYDRITE - wh, sft, mas.  
40% DOLOMITE - tan-bf, sft-frm, mcrcxln, mod arg, p-n  
Ø, NSOFC.  
20% LIMESTONE - tan sme lt gy, frm, crpxln, micrite,  
sl-mod arg, p-n Ø, NSOFC.  
10% SALT - clr-wh, brit, ang.
- 4,520-4,540 10% LIMESTONE - lt-m gy, frm, crpxln, micrite, sl-mod  
arg, p-n Ø, NSOFC.  
90% DOLOMITE - tan sme dk gy, frm-hd, mcrcsuc, mod  
arg, p-n Ø, NSOFC.
- 4,540-4,560 40% SHALE - m-dk gy, gygn, sft, sb-n fis, blk, mod  
calc, no flor, p resd lt gn. cut.  
30% LIMESTONE - a/a.  
30% DOLOMITE - a/a.

LITHOLOGY (Cont.)

- 4,560-4,580 10% ANHYDRITE - wh, sft, mas.  
90% DOLOMITE - lt-dk brn brn gn, sft-frm, crpxln, mod arg, p-n Ø, NSOFC.
- 4,580-4,600 5% SALT - clr-wh, brit, ang.  
DOLOMITE - lt-dk brn, brngn, sft-frm, crpxln, mod arg, p-n Ø, NSOFC.
- 4,600-4,720 100% SALT - clr-wh, brit, ang.
- 4,720-4,740 80% DOLOMITE - lt gy tan lt brn, sft-frm, mcrcsuc, (sme lt gy crpxln), sl-mod arg, fr intxln Ø, NSOFC.  
20% SALT - no change.
- 4,740-4,760 40% DOLOMITE - tan, sft, mcrcsuc, sl-mod arg, fr intxln Ø, NSOFC.  
60% SALT - clr-wh, brit, ang.
- 4,760-4,880 SALT - clr-wh, brit, ang.
- 4,880-4,890 10% ANHYDRITE - wh, sft, mas.  
80% DOLOMITE - wh-tan, lt brn, frm, mcrcsuc, fr-p intxln Ø, mod arg, NSOFC.
- 4,890-4,900 80% DOLOMITE - wh-tan lt brn sme lt gy, sft-frm, mcrcsuc, p-n Ø, NSOFC.  
20% ANHYDRITE - wh, sft, mas.
- 4,900-4,930 50% ANHYDRITE - wh, sft, mas.  
50% DOLOMITE - lt gy, frm, crpxln, sl arg, p-n Ø, NSOFC.
- 4,930-4,950 50% DOLOMITE - no change.  
50% ANHYDRITE - wh, sft, mas.
- 4,950-5,200 100% SALT - clr-wh, brit, ang pcs.
- 5,200-5,210 40% ANHYDRITE - wh, sft, mas.  
60% DOLOMITE - tan-lt brn, sft, mcrcsuc-vfxln, sl arg, NSOFC, w/sme SH strngrs (dk gy-blk, sft-frm, fis, blk, n calc.)
- 5,210-5,230 80% DOLOMITE - no change.  
20% ANHYDRITE - wh, sft, mas.

LITHOLOGY (Cont.)

5,230-5,400 100% SALT - clr-wh, brit, ang.

5,400-5,420 90% ANHYDRITE - wh, sft, mas.  
10% SHALE - blk, sft, fis, blk, sl calc, NSOFC.

5,420-5,430 40% DOLOMITE - dk gy-gn, frm, crpxln, v arg, n Ø, NSOFC.  
60% ANHYDRITE - sft, wh, mas.

5,430-5,440 70% ANHYDRITE - wh, sft, mas.  
30% DOLOMITE - a/a, sme tan-lt gy, sft-v sft, vfxln,  
fr intxln Ø, sl-mod arg, sl resd lt gn cut.

5,440-5,570 SALT - clr-wh, sft (brit), ang.

5,570-5,580 90% SALT - clr-wh, brit, ang.  
10% ANHYDRITE - wh, sft, mas.

5,580-5,610 20% ANHYDRITE - wh, sft, mas.  
50% DOLOMITE - tan-lt brn, sft-frm, vfxln, sl arg, p  
intxln Ø, NSOFC.  
30% SHALE - blk, frm, fis, blk, n calc, NSOFC.

5,610-5,620 10% SALT - clr-wh, brit, ang.  
DOLOMITE - a/a.  
SHALE - a/a.

5,620-5,640 100% SALT - clr-wh, sft, ang.

5,640-5,650 10% ANHYDRITE - wh, sft, mas.  
90% SALT.

5,650-5,660 10% ANHYDRITE - wh, sft, mas.  
90% SALT.

5,660-5,670 30% ANHYDRITE - wh, sft, mas.  
70% SALT - clr-wh, brit, ang.

5,670-5,680 45% ANHYDRITE - wh, sft, mas.  
55% SALT.

5,680-5,770 100% SALT - clr-wh, brit, ang.

5,770-5,780 10% ANHYDRITE - wh, sft, mas.  
60% DOLOMITE - wh-lt gy, frm, mcrcsuc, n arg, p intxln  
Ø, sme w/blk dd o stn, sl lt gn cut.  
30% SHALE - dk gy-blk, sbfis, crpxln, p-n Ø, sl-n calc,  
sl lt gn strmg cut.

LITHOLOGY (Cont.)

5,780-5,800 30% ANHYDRITE - wh, sft, mas.  
70% DOLOMITE - wh-lt gy, sme dk gy-blk shaly, mcrsuc-  
crpxln, sl-v arg, p-n intxln Ø, sme w/dd o stn a/a,  
sl lt gn flor & cut.

5,800-5,860 100% SALT - clr-wh, brit, ang.

5,860-5,870 20% ANHYDRITE - wh, sft, mas.  
75% DOLOMITE - tan-lt brn, frm, mcrsuc, sme vfxln, fr  
intxln Ø, NSOFC.  
5% SALT - clr-wh, brit, ang.

5,870-5,890 90% DOLOMITE - lt gy-tan sme lt brn, sft-frm, mcrsuc  
sme vfxln, fr-p intxln Ø, sl-mod arg, NSOFC.  
10% ANHYDRITE - wh, sft, mas.

5,890-5,900 60% DOLOMITE - a/a.  
30% DOLOMITE - dk gy-blk, sft-frm, crpxln, mod-v arg,  
p-n Ø, NSOFC.  
10% ANHYDRITE - wh, sft, mas.

5,900-5,920 95% DOLOMITE - m-dk gy, sme blk, sft-frm, crpxln, mod  
arg, p-n Ø, NSOFC.

5,920-5,930 70% DOLOMITE - a/a.  
30% SALT - clr-wh, brit, ang.

5,930-6,050 100% SALT - clr-wh sme lt yell, brit, ang.

6,050-6,060 30% ANHYDRITE - wh, sft, mas.

6,060-6,070 30% SHALE - blk, sft-frm, splty-plty, n calc, g gn flor,  
30% DOLOMITE - lt gy-tan, sft-frm, mcrsuc, sl arg, p-n  
Ø, sme mnrl flor, no cut.  
40% ANHYDRITE - wh, v sft, mas.

6,070-6,080 50% DOLOMITE - a/a.  
50% ANHYDRITE - wh, sft, mas.

6,080-6,090 40% SALT - clr-wh, brit, ang.  
60% ANHYDRITE - a/a.

6,090-6,170 90% SALT - clr-wh, brit, ang.  
10% SHALE - dk gy-blk, frm, fis, blk-ly-plty, n calc,  
NSOFC.

6,170-6,180 30% SHALE - a/a.  
70% SALT.

LITHOLOGY (Cont.)

- 6,180-6,190 90% SALT - clr-wh, brit, ang.
- 6,190-6,230 100% SALT - clr-wh, brit, ang.
- 6,230-6,240 30% ANHYDRITE - wh, sft, mas.  
20% DOLOMITE - m gy lt brn, frm, mcrcsuc sme crpxln,  
p intxln  $\emptyset$ , no vis stn or flor, sl diff gn cut.  
50% SALT - a/a.
- 6,240-6,250 60% ANHYDRITE - wh, sft, mas.  
30% DOLOMITE - mstly m gy sme brn, frm, crpxln, p-n  $\emptyset$ ,  
NSOFC.  
10% SALT.
- 6,250-6,520 Well shut in due to high pressure salt water -  
no samples available. Bypass shaker.
- 6,520-6,560 90% SALT - clr-wh, brit, ang.  
10% DOLOMITE - lt gy-tan, sft-frm, crpxln, sl arg,  
p-n  $\emptyset$ , NSOFC, gen v poor smpls.
- 6,560-6,580 80% SALT - clr-wh, brit, ang.  
20% DOLOMITE - lt gy-tan, sft-frm, crpxln, sl arg,  
p-n  $\emptyset$ , NSOFC, v poor smpls.
- 6,580-6,640 100% SALT - clr-wh, brit, ang.
- 6,640-6,660 90% SALT - clr-wh, brit, ang.  
10% SHALE - blk, sft-frm, sbfis, blk-ply, no flor  
v sl lt gn cut, cavings?.
- 6,660-6,940 Well shut in again due to salt water flowing from  
Zone #14, no smpls available.
- 6,940-6,960 90% SALT - clr-wh, brit, ang.  
10% ANHYDRITE - wh, sft, mas.
- 6,960-6,970 30% SHALE - blk, sft, fis, blk, gd lt gn strmg cut.  
40% DOLOMITE - wh-lt brn, sft-frm, mcrcsuc, sl-mod  
arg, p-n  $\emptyset$ , NSOFC.  
30% ANHYDRITE - wh, sft, mas.
- 6,970-6,980 60% ANHYDRITE - wh, sft, mas.  
40% SHALE - gen a/a.

LITHOLOGY (Cont.)

- 6,980-6,990 50% DOLOMITE - lt-m gy, sft-frm, crpxln, sl-mod arg, p-n Ø, NSOFC.  
50% ANHYDRITE - wh, sft, mas.
- 6,990-7,000 80% DOLOMITE - lt-m gy sme dk gy, frm, mstly crpxln, sl-mod arg, p-n Ø, NSOFC.  
10% SHALE - blk, sft-frm, sbfis-fis, sl-mod calc, NSOFC.  
10% ANHYDRITE - wh, sft, mas.
- 7,000-7,020 90% ANHYDRITE - wh, sft, mas.  
10% SALT - clr-wh, brit, ang.
- 7,020-7,140 100% SALT - clr-wh, brit, ang.
- 7,140-7,150 20% ANHYDRITE - wh-lt gy, frm-hd, calc, xln.  
20% DOLOMITE - brn-tan sme lt gy, frm-hd, mcrcsuc, sl arg, sl lt gn flor, g resd wh-lt gn cut, fr-g intxln Ø.  
60% SALT - a/a.
- 7,150-7,160 50% ANHYDRITE - wh-lt-gy, frm, calc, xln.  
30% DOLOMITE - tan-brn, lt gy, frm-hd, mcrcsuc, sl arg, sl flor, fr lt gn cut, fr Ø a/a.  
20% SALT.
- 7,160-7,450 100% SALT - clr-wh sme yell, brit, ang.
- 7,450-7,460 20% ANHYDRITE - wh, sft, mas.  
20% DOLOMITE - m-dk gy, frm, crpxln, mod arg, fr-p intxln Ø, NSOFC.  
60% SALT - clr-wh, brit, ang.
- 7,460-7,470 50% ANHYDRITE - wh sme w/pk stn, sft-frm, xln, mod calc.  
50% SALT - gen a/a.
- 7,470-7,480 10% DOLOMITE - m gy (sme dk gy-blk v arg), crpxln-vfxln, frm, p-n Ø, NSOFC.  
70% ANHYDRITE - lt pk stn, sft-frm, xln, calc.
- 7,483-7,523 SEE CORE DESCRIPTION
- 7,523-7,530 40% DOLOMITE - lt-m gy sme dk gy-blk, frm-hd, crpxln-mcrxln, sl-v arg, p-n Ø, sl lt gn flor, no cut.  
10% SHALE - blk, frm-hd, n fis, blk, calc, no flor, vg lt gn s-rmg cut, possibly fractured.  
50% ANHYDRITE - wh-pk stn, frm, xln, calc.

LITHOLOGY (Cont.)

- 7,530-7,540 60% ANHYDRITE - wh-pk stn, frm-hd, xln, calc.  
40% DOLOMITE - lt-m gy, frm, crpxln-mcrxln, sl arg, p-n Ø, sl lt gn flor, v sl lt gn strmg cut.
- 7,540-7,550 20% SALT - clr-mlky wh, brit, ang.  
40% ANHYDRITE - wh-pk, frm, xln, calc.  
40% DOLOMITE - a/a.
- 7,55-07,560 30% SHALE - dk gy-blk, sft-frm, blk, n calc, sl lt gn strmg cut.  
30% DOLOMITE - lt brn-tan sme lt gy, frm, mcrxln-crpxln, fr-p intxln Ø, NSOFC.  
40% SALT - clr, brit, ang.  
Tr CHERT - lt-m yell, v hd, ang.
- 7,560-7,580 20% DOLOMITE - mstly lt gy, frm, crpxln, p-n Ø, NSOFC.  
50% CHERT - lt-m yell, v hd, ang.  
30% SALT - clr, brit, ang.
- 7,580-7,600 80% CHERT - lt yell-orng, v hd, ang.  
10% SALT - clr, brit, ang.  
10% SHALE - dk gy-blk, sft, sb-n fis, n calc, tr lt gn strmg cut, no flor.
- 7,600-7,630 80% SALT - clr, brit, ang.  
20% CHERT - no change.
- 7,630-7,640 90% CHERT - lt-m yell, v hd, ang.
- 7,640-7,670 100% SALT - clr, brit, ang.

CORE DESCRIPTION

Interval: 7,483' - 7,523' Cane Creek Ø Zone

Recovery: 100%

7,483-84 DOLOMITE - m-dk gy sme gygn, frm-hd, crpxln-vfxln, mod arg, sme calcite filled frac, petr1 smell, gd lt gn flor on frac surf, fr-g lt gn strmg cut.

7,484-85 DOLOMITE - dk gy-blk, frm-hd, v shly, arg, crpxln, no vis Ø, no frac, no flor, gd lt gn resd cut, petr1 smell.

7,485-87 ANHYDRITE - gy-wh stnd pk from mud, hd, trnslct, xln, sme mnrl flor, fr strmg cut, no vis Ø.

7,487-90 DOLOMITE - dk gy-blk grdg to SH, frm brit, crpxln, v arg no visible Ø, no frac, NSOFC.

7,490-92 DOLOMITE - lt-m gy, frm-hd, mcrcsuc, fr-g pnpt Ø, sme frac w/lt gn flor on frac zone, gd cut along frac.

7,492-96 DOLOMITE - m gy, hd, crpxln, sl arg, vert frac w/lt gn flor, sl resd lt gn cut along frac.

7,496-7,506 DOLOMITE - lt-m gy w/sme intbd dk gy-blk SH, frm, sme mcrcsuc w/fr intxln Ø, sme calc filled frac w/lt gn flor, no cut.

7,506-12 DOLOMITE - dk gy, dns, hd, crpxln, mod-v arg, sme intbd blk calc SH, vert frac w/lt gn flor along frac filled w/ calcite xls, sme frac filled w/halite, gd flor along frac, no cut.

7,512-20 DOLOMITE - lt-m gy, frm, mcrcxln, dns, no vis Ø, sme mcrcgrnlr Ø, gd flor along calcite and salt filled fractures, gd lt gn strmg cut along frac.

7,520-23 DOLOMITE - m-dk gy, dns, crpxln, mod-v arg, fr-gd lt yell flor on frac surf (vert), fr-gd lt yell strmg cut, gen intbd w/Anhy - wh-gy stnd pk, xln, frm-hd, NSOFC.

Minerals Management  
SERVICE  
OIL & GAS OPERATIONS  
RECEIVED

AUG 3 1982

SALT LAKE CITY, UTAH

July 29, 1982

RECEIVED

AUG 10 1982

DIVISION OF  
OIL, GAS & MINING

From Firth, Oil, Gas & Mining  
State

FYI

Ron [initials]  
Arline [initials]

Minerals Management Service  
Oil and Gas operations  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

Attention: Mr. E. W. Guynn

RE: Letter dated 7-8-82 concerning Gold Bar # 1,  
Skyline # 1 and Matthew Fed. # 1

Dear Mr. Guynn:

In reply to your letter dated July 8, 1982, in which you asked for improvements/ justifications concerning Gold Bar # 1, Matthew Fed. # 1 and Skyline # 1. We are planning to P & A the Matthew Fed. # 1 and the Skyline # 1 as soon as we can obtain proper approval. At that time all equipment will be removed from the Skyline # 1 and the pits will be filled in on the Skyline # 1 and Matthew Fed. # 1. The accumulated oil on both pits and around the well heads has been removed as of July 21, 1982. The Gold Bar # 1 produces very little gas and it is being used to fuel the equipment on location. The gas is not being flared or vented.

The salt water is stored in tanks and then transported for disposal on Grand County roads. Enclosed is a letter which allows us to dispose of the water in this manner. If this is not adequate or if we still need to file an application for disposal of produced water, would you please send me the proper forms.

Sincerely,

*Charlie Powell*

Charlie Powell

cc: Bobby Porter  
Bob Blaylock  
Jim Schumacher

JERRY RIDING WILL CONTACT THE COUNTY HEALTH DEPT. AND  
WORK THROUGH THEM CONCERNING THIS MATTER

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

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR Davis Oil Company</p> <p>3. ADDRESS OF OPERATOR 410 17th St. Suite 1400, Denver, CO 80202</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  NWSE Sec. 5 T26S R20E</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. U-15029</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----</p> <p>7. UNIT AGREEMENT NAME Skyline Unit</p> <p>8. FARM OR LEASE NAME -----</p> <p>9. WELL NO. #1</p> <p>10. FIELD AND POOL, OR WILDCAT Wildcat</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5 T26S R20E</p> <p>12. COUNTY OR PARISH Grand</p> <p>13. STATE Utah</p>
<p>14. PERMIT NO. 43-01930796</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5795 GL 5809 KB</p>	

RECEIVED

SEP 28 1982

CASPER DISTRICT  
OIL & GAS OFFICE  
NORTH CENTRAL REGION

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

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

(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 Producing, Last production test was June 24, 1982 in a 24 hr period tested 1.67 BO, 0 BW, 0 MCF, Cumulative figures are ± 578 BO, ± 291 BW, ± 940 MCF.  
 TD: 7670'  
 PBSD: 7601'  
 Casing will be abandoned in place  
 Casing Record: 13 3/8", 54.5#, K-55 set @ 497' w/465 sx cemented to surface  
 9 5/8", 36#, K-55 set @ 4035' w/ 550 sx cemented to surface  
 5 1/2", 20#, N-80 set @ 7670' w/1450 sx cemented to 2250'  
 Perf Record: Cane Creek Formation @ 7538-50, 7455-7508  
 Plugging Procedure:  
 1. Place a 10 sx cement plug 50' below lower perfs @ 7601' (PBSD)  
 2. Place a 10 sx cement plug 100' above upper perfs @ 7350'  
 3. Pump 35 sx down surf. csg/ prod. csg annulus. This will cover a minimum of 100' of annular space.  
 4. Place a 25 sx cement plug in smallest csg. extending to surf. and install a regulation dryhole marker  
 5. Clean, level and reseed per landowners satisfaction.

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**  
 DATE: 9/22/82  
 BY: [Signature]

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

SIGNED REB [Signature] TITLE Rocky Mountain Division Mgr DATE 9/22/82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

10

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 1300 Denver

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: NWSE Sec. 5, T26S, R20E  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

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

SUBSEQUENT REPORT OF:

5. LEASE  
Skyline Unit  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. ~~FACTOR~~ LEASE NAME No.  
U-15029  
9. WELL NO.  
1  
10. FIELD OR WILDCAT NAME  
Wildcat  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 5, T26S, R20E  
12. COUNTY OR PARISH  
Grand  
13. STATE  
Utah  
14. ~~APP~~ NO. Permit No.  
43-01930796  
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5795 GL 5809 KB

(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.)\*

Plugged well as directed by Mr. Rabboul (Minerals Management, U.S. Government). Nov. 5, 82

- 1. 7670' - 7400' 36 sacks of cement
- 2. 4700' - 4500' 25 sacks " "
- 3. 2400' - 2200' " " " "

4. 200' - 4' in and out; 77 sacks of cement.  
Displaced fluid in hole with 16.7 # mud prior to setting cement plugs.

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 11/8/82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 11/10/82  
BY: [Signature]

\*See instructions on Reverse side



JOB LOG

CUSTOMER Davis Oil Company  
JOB TYPE Plug & Abandon

DATE 11/18/82

CHART NO.	TIME	RATE (BPM)	VOLUME (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND COMMENTS
				T	C	TUBING	CASING	
								<b>SAFETY MEETING.</b>
1.	1150	5	5			1000		Est. Circulation.
2.	1151	3.79	7.57			800		Start Mix Cont.
3.	1153	4.77	47.92			1400		Cont Mixed. Start Disp.
4.	1202		4			200		Disp. in Plug #1 7670 to 7400 36 SA.
5.	1203							Release PSI, Flowing back.
6.	1205	5	10			1000		Pump Plug out of tubing.
7.	1207					-		Release PSI. Start laydown paper.
8.	1330	.5	90			200		Circulate hole with mud.
9.	1430	-	-			-		Shutdown for today.
								Thanks
								Dave, Joe, & Sam.

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 FBE 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 Koggow  
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 F. Blaylock  
Rocky Mountain Division Manager - Denver

~~11-10-82~~

11-11-82

Feb 4/5/82