

DAVIS OIL COMPANY

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



NEW ORLEANS
HOUSTON
TULSA

January 24, 1983

MMS

P.O. Box 3524
Durango, CO 81301

RE: #3 Abajo Unit
SWSE Sec. 5, T32S, R23E
San Juan County, Utah

Gentlemen:

Enclosed please find for your approval, an original and three copies of the Application for Permit to Drill, together with four copies of the Staking Plat covering the drilling of the captioned proposed test. Designation of Operator from MCOR Oil will be forthcoming.

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

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

Very truly yours,

DAVIS OIL COMPANY

Michelle Hiller
Executive Secretary

RECEIVED

FEB 14 1983

**DIVISION OF
OIL GAS & MINING**

/mh
Enclosures

cc: Utah State Oil & Gas
Dept. of Natural Resources

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 DAVIS OIL COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface SWSE Sec. 5, T32S, R23E
 At proposed prod. zone 660' FSL, 1980' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 20 miles south to Monticello, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660' FSL

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NONE

19. PROPOSED DEPTH 4,950' *present creek*

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether ^{to} BT, GR, etc.)
 6370' GR Est., 6380' KB Est.

22. APPROX. DATE WORK WILL START*
 Upon approval

5. LEASE DESIGNATION AND SERIAL NO.
 U-13671

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 Abajo Unit

8. FARM OR LEASE NAME

9. WELL NO.
 #3

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 5, T32S, R23E

12. COUNTY OR PARISH 13. STATE
 San Juan Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36# K-55	STC(NEW)	0-1100' 500 sxs. est.
8 3/4"	5 1/2"	15.5# K-55	STC(NEW)	0-4950' 300 sxs. est.

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

RECEIVED
 FEB 14 1983

DIVISION OF
 OIL, GAS & MINING

(SEE TEN POINT PROGRAM)

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 Lafave TITLE Chief Geologist

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
 DATE: 2-15-83
 BY: *[Signature]*

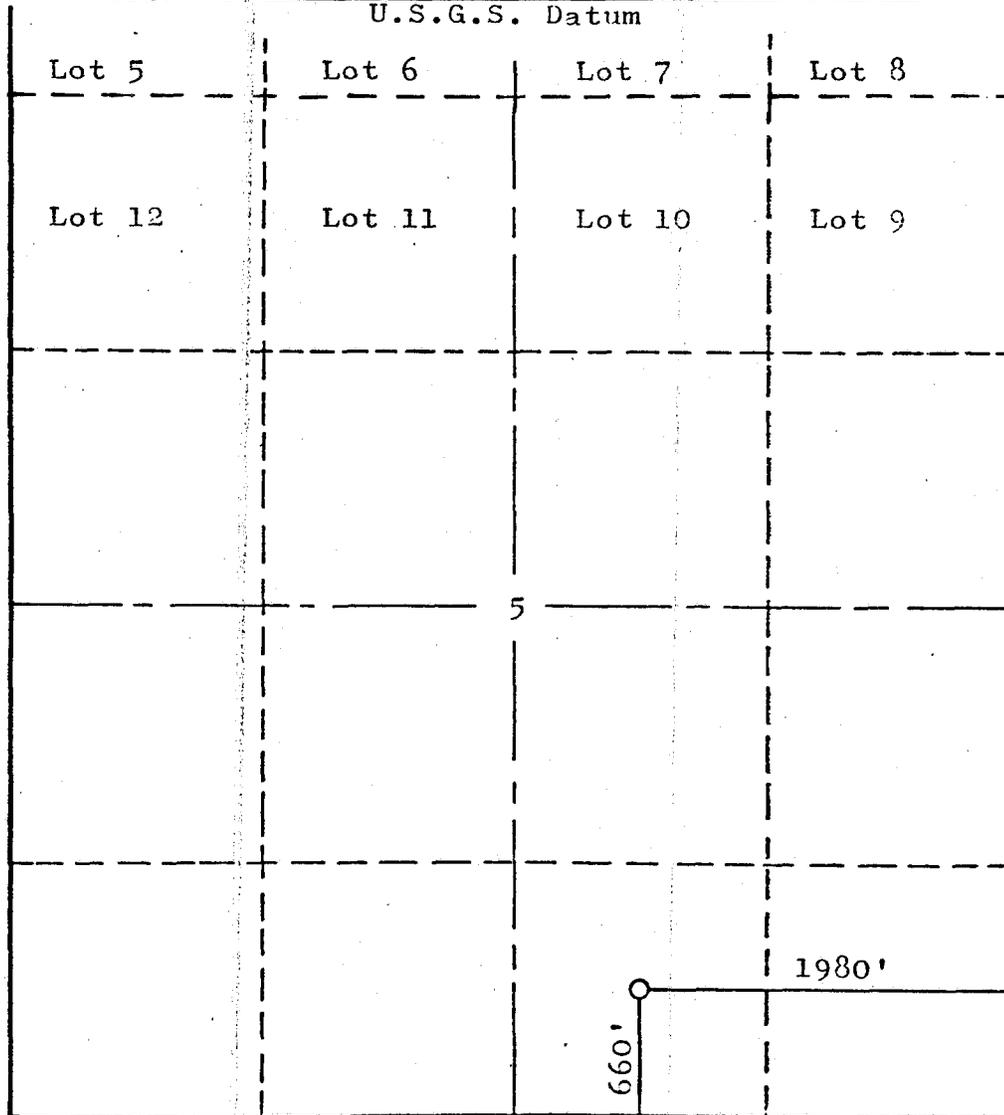
COMPANY DAVIS OIL COMPANY

LEASE ABAJO UNIT WELL No. 3

SECTION 5 T. 32 S. R. 23 E., S.L.B.&M.

LOCATION 660 feet from the south line
1980 feet from the east line SAN JUAN COUNTY
UTAH

ELEVATION 6370 (Ungraded)
U.S.G.S. Datum



Scale: 1" = 1000'

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

DATE: January 31, 1983

KROEGER ENGINEERING COMPANY

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

TEN POINT PROGRAM

1) SURFACE FORMATION: Navajo SS

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

Navajo SS	surface	fresh water sandstone
Chinle	1048'	tight red beds
Cutler	1806'	red beds; sandstone, shale, siltstone
Honaker Trail	3530'	sandstone, shale, limestone, possible oil and gas
Upper Ismay	4657'	anhydrite; dolomite, possible oil & gas
Lower Ismay	4688'	anhydrite; dolomite, possible oil & gas
Gothic Shale	4780'	black shale
Desert Creek	4822'	anhydrite, salt, shale, dolomite
Total Depth	4950'	black shale

4) CASING PROGRAM:

12 1/4", 9 5/8" 36# K-55 STC(NEW) 0-1100' 500 sxs. est.

8 3/4", 5 1/2" 15.5# K-55 STC(NEW) 0-4950' 300 sxs. est.

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

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

6) MUD PROGRAM:

0-1100' fresh water spud mud 8.5 ppg

1100-3000' gel, lime water, 8.8 ppg

3000-4950' LSND Maximum mud weight 9 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 - from TD - base of surface csg.

Integrated BHC Sonic - GR W/CAL TD - base of surface csg.

FDC-CNL-GR TD - 2800'

CORING:

NONE

8) Continued -

TESTING:

1 DST Ismay

STIMULATION:

Ismay Formation - acidize with 1000 gallons HCL.

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

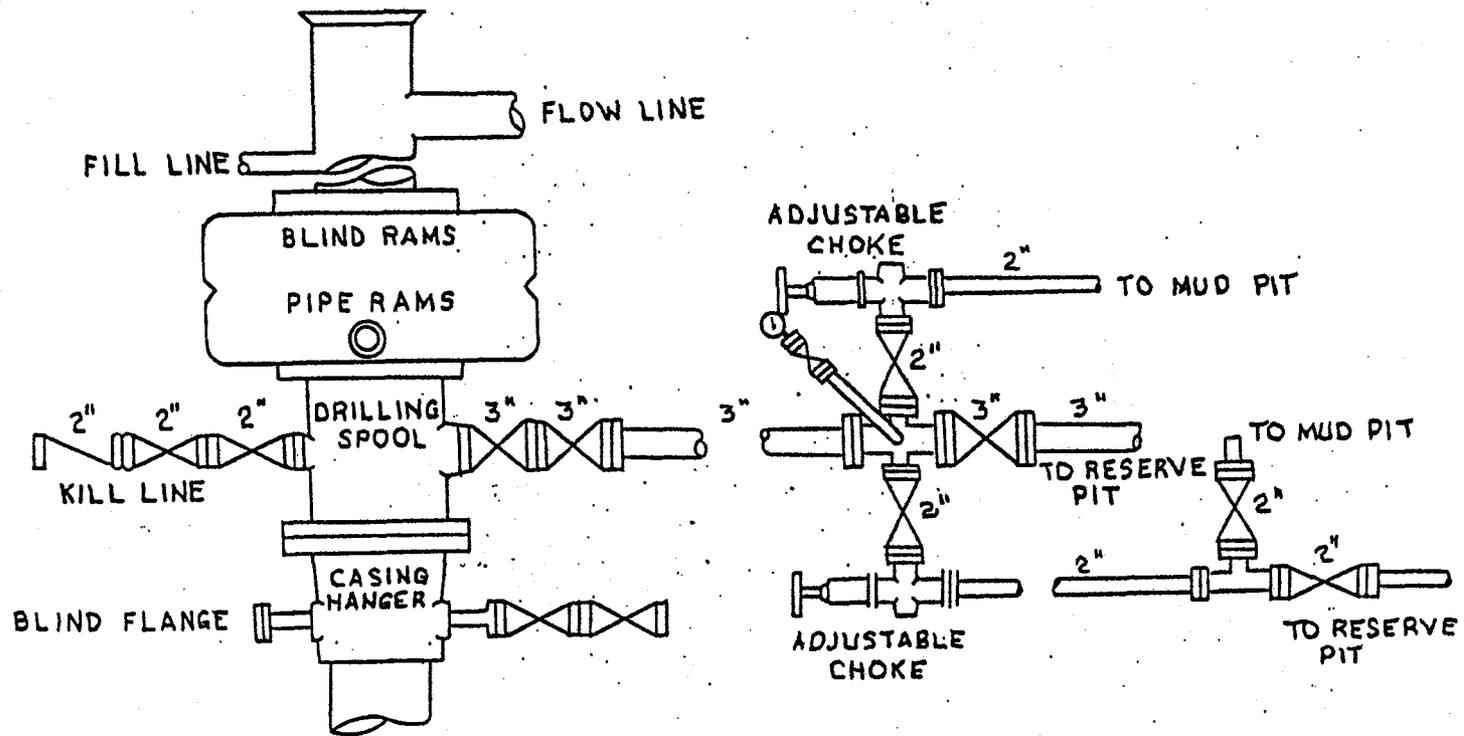
9) ABNORMAL PRESSURE: This firm does not anticipate any abnormal pressure of temperatures or any other hazards. This is based on previous geological data from nearby wells.

ESTIMATED BOTTOMHOLE PRESSURE: 2000 PSI.

ESTIMATED MAXIMUM SURFACE PRESSURE: 100 PSI.

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

DURATION OF OPERATION: 30-60 Days.



DAVIS OIL COMPANY

ARAPAHOE RIG

BLOW-OUT PREVENTION SYSTEM

12" 900 SERIES SHAFFER TYPE 48

3000 LBS. WP

OPERATOR DAVIS OIL CO

DATE 2-15-83

WELL NAME ABATO UNIT #3

SEC SWSE 5 T 32S R 23E COUNTY SAN JUAN

43-637-30869
API NUMBER

FED
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input checked="" type="checkbox"/>	HL	<input checked="" type="checkbox"/>
<input type="checkbox"/>	NID	<input checked="" type="checkbox"/>	PI	<input type="checkbox"/>
<input checked="" type="checkbox"/>	MAP	<input checked="" type="checkbox"/>		<input type="checkbox"/>

PROCESSING COMMENTS:

APV

APPROVAL LETTER:

SPACING: A-3 ABATO UNIT c-3-a _____ CAUSE NO. & DATE

c-3-b c-3-c

SPECIAL LANGUAGE:

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *FED*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER _____

UNIT *ABATO*

c-3-b

c-3-c

OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

February 15, 1983

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

RE: Well No. Abajo Unit #3
SWSE Sec. 5, T.32S, R.23E
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with 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:

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

OR

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

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

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

The API number assigned to this well is 43-037-30869.

Sincerely,


Norman C. Stout
Administrative Assistant

NCS/as
cc: Oil & Gas Operations
Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MINERALS MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.
U-13671
OIL & GAS OPERATIONS RECEIVED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

FEB 7 1983

7. UNIT AGREEMENT NAME

Abajo Unit SALT LAKE CITY, UTAH

8. FARM OR LEASE NAME

9. WELL NO.

#3

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 5, T32S, R23E

12. COUNTY OR PARISH 13. STATE

San Juan Utah

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 SWSE Sec. 5, T32S, R23E
At proposed prod. zone 660' FSL, 1980' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
20 miles south to Monticello, Utah

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660' FSL

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NONE

19. PROPOSED DEPTH 4,950'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether TD RT, GR, etc.)
6370' GR Est., 6380' 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
12 1/4"	9 5/8"	36# K-55	STC (NEW) 1100'
8 3/4"	5 1/2"	15.5# K-55	STC (NEW) 4950' or TD

QUANTITY OF CEMENT
~~0-1100' 500 SACS. EST.~~
~~0-4950' 300 SACS. EST.~~
Cmt top 200' above upper most hydrocarbon zone

CONDUCTOR: 30 ft. 21 in. cement with 3 yds. Redi mix.
(Part of CS9 program)

RECEIVED
SEP 02 1983

DIVISION OF
OIL, GAS & MINING

(SEE TEN POINT PROGRAM)

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 1/24/83

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE Acting District Manager DATE August 31, 1983

NOTICE OF APPROVAL
CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

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

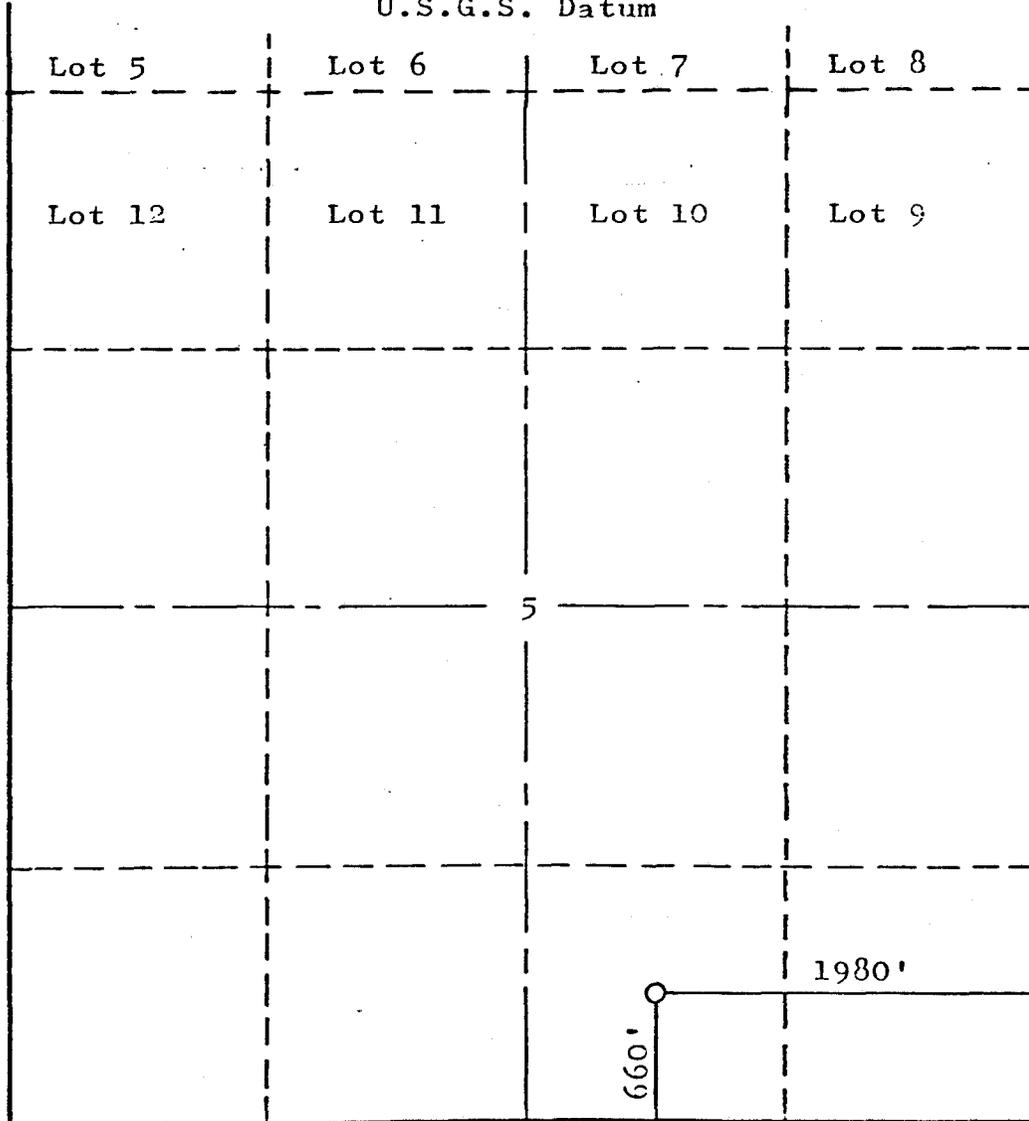
COMPANY DAVIS OIL COMPANY

LEASE ABAJO UNIT WELL No. 3

SECTION 5 T. 32 S. R. 23 E., S.L.B. & M.

LOCATION 660 feet from the south line
1980 feet from the east line SAN JUAN COUNTY
UTAH

ELEVATION 6370 (Ungraded)
U.S.G.S. Datum



Scale: 1" = 1000'

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

DATE: January 31, 1983

KROEGER ENGINEERING COMPANY

By: Allison L. Kroeger

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Davis Oil Company

Well No. 3

Location Sec. 5, T. 32 S., R. 23 E.

Lease No. U-13671

**A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (30 CFR 221), and the approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

1. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling producing, suspended, or abandoned shall be identified in accordance with 30 CFR 221.22. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.
3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. If operations are to be suspended, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office, but must be timely followed within 15 days with a "Notice of Intention to Abandon" (Form 9-331). Unless the plugging is to take place immediately upon receipt of oral approval, the District Manager must be notified at least 48 hours in advance of the plugging of the well in order that a representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form 9-331) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a follow-up report on form 9-331 should be filed when all surface restoration has been completed and the location is considered ready for final inspection.

4. The spud date will be reported orally to the respective District Manager's office within 48 hours after spudding. If the spudding occurs on a weekend or holiday, wait until the following regular workday to make this report.

Periodic drilling progress reports must be filed directly with the District Manager's office on a frequency and form or method as may be acceptable to the District Manager.

In accordance with NTL-1, this well must be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed, in duplicate, directly with Royalty Management Accounting Center, Minerals Management Service, P. O. Box 2859, Casper, Wyoming 82602.

Any change in the program must be approved by the District Manager. "Sundry Notices and Reports on Wells" (form 9-331) must be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alteration of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan pursuant to NTL-6, and prior approval by the District Manager.

5. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (form 9-330) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 30 CFR 221.59. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 9-330. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by this office.
6. Significant surface values (are) (are not) involved at this location. Accordingly, you (must) (need not) notify at least (24) (48) hours prior to commencing field operations to allow this office to have personnel present for consultation during the construction of roads and locations.

Your contact with the District Office is: Tom Hare

Office Phone: 801-259-6111 Ext 235 Home Phone: 801-259-7965

City: Moab State: Utah

Resource Area Manager's Address and contacts are:

Address: 480 South First West, P.O. Box 7, Monticello, Utah 84535

Your contact is: Brian Wood

Office Phone: 801-587-2201 Home Phone: 801-587-2087

7. SURFACE OPERATING STANDARDS

Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development". This includes but is not limited to such items as road construction and maintenance, handling of top soil and rehabilitation.

8. If a replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect must be filed, for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
9. Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Manager's approval. Failure to timely file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
10. This permit is valid for a period of one year from the date of approval. If construction does not commence within 90 days from approval, the operator must contact this office 15 days prior to beginning construction. Construction under adverse conditions may require additional stipulations. If the permit terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, it is required that a new application be filed for approval for any future operations.
11. If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.
12. This Application for Permit to Drill is approved subject to the requirement that, should the well be successfully completed for production, this office must be notified when it is placed in a producing status. Such notification will be by telegram or other written communication, and must be received in this office by not later than the first business day next following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address and telephone number.
 - b. Well name and number.
 - c. Well location (1/4, 1/4, Section, Township, Range and Prime Meridian).
 - d. Date was placed in a producing status.
 - e. The nature of the well's production, i.e. crude oil, or crude oil and casinghead gas, or natural gas and entrained liquid hydrocarbons.

- f. The OCS, Federal or Indian lease prefix and number on which the well is located. Otherwise, the non-Federal or non-Indian land category, i.e. State or private.
- g. If appropriate, the unit agreement name, number and participating area name.
- h. If appropriate, the communitization agreement number.

13. _____

SUPPLEMENTAL STIPULATIONS OF APPROVAL ATTACHED

Davis Oil Company
Well No. 3
Section 5, T. 32S., R. 23E.
San Juan County, Utah
Lease U-13671

Supplemental Stipulations:

1. If subsurface cultural material is exposed during construction, work at the spot will stop immediately and the San Juan Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they are subject to prosecution for disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
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. Water bars will be built as follows to control erosion.

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

4. Enough topsoil will be kept to reclaim the remainder of the location at a future date. This remaining stockpile of topsoil will be seeded in place using the prescribed seed mixture.
5. Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime saline minerals in the Paradox formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the saline minerals resource. Surface casing program may require adjustment for protection of fresh water aquifers.

ADDITIONAL STIPULATIONS FOR PRODUCTION FACILITIES

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

(1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

(2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.

(3) All disturbed areas not required for operations will be rehabilitated.

(4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.

(5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.

(6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.

(7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.

(8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.

(9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.

(10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.

(11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.

(12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

DAVIS OIL COMPANY

100 — 17TH STREET, SUITE 1400
DENVER, COLORADO 80202-4472
TELEPHONE: 303-623-1000

NEW ORLEANS
HOUSTON
TULSA



September 8, 1983

MMS

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

RE: #3 Abajo Federal
(Formerly #3 Abajo Unit)
SWSE Sec. 5, T32S, R23E
San Juan County, Utah

Gentlemen:

Enclosed is the original and three copies of the sundry notice changing the well name of the above from #3 Abajo Unit to #3 Abajo Federal. Please adjust your records to show this change.

Very truly yours,

DAVIS OIL COMPANY

A handwritten signature in cursive script that reads "Michelle Hiller".

Michelle Hiller
Executive Secretary

/mh
Enclosures

cc: Dept. of Natural Resources
Garry Roggow - DOC - Casper

RECEIVED
SEP 12 1983

DIVISION OF
OIL, GAS & MINING

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 Street, Suite 1400, Denver, CO 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
SWSE Sec. 5, T32S, R23E

AT SURFACE:

AT TOP PROD. INTERVAL: 660' FSL, 1980' FEL

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) CHANGE OF PLANS

SUBSEQUENT REPORT OF:

-
-
-
-
-
-
-
-

5. LEASE
U-13671

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Abajo Federal

9. WELL NO.
#3

10. FIELD OR WILDCAT NAME
Wildcat

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

Sec. 5, T32S, R23E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.
43-037-30869

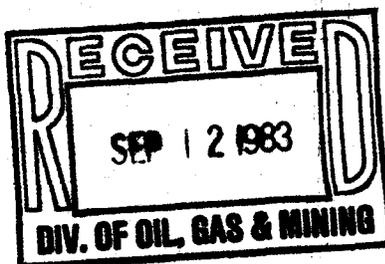
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6370' GR

(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.)*

PLEASE BE ADVISED THAT DAVIS OIL COMPANY HAS CHANGED THE NAME OF THE ABOVE CAPTIONED WELL FROM #3 ABAJO UNIT TO #3 ABAJO FEDERAL.

PLEASE ADJUST YOUR RECORDS ACCORDINGLY.



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

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

SIGNED Ed Lafaye TITLE Chief Geologist DATE 9/8/83
Ed Lafaye

(This space for Federal or State office use)

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



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

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

September 30, 1983

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

Re: Well No. Abajo Unit # 2
1370' FNL, 1370' FEL
C NE, Sec. 10, T. 32S, R. 22E.
San Juan County, Utah

Well No. Abajo Federal # 3
660' FSL, 1980' FEL
✓ SW SE, Sec. 5, T. 32S, R. 23E.
San Juan County, Utah

Well No. Logan Federal # 3
2020' FNL, 2179' FWL
SE NW, Sec. 26, T. 3N, R. 7E.
Summit County, Utah

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

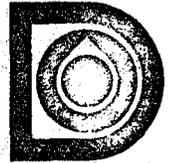
DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf

DAVIS OIL COMPANY

10 — 17TH STREET, SUITE 1400
DENVER, COLORADO 80202-4472
TELEPHONE: 303-623-1000



NEW ORLEANS
HOUSTON
TULSA

October 12, 1983

RECEIVED
OCT 14 1983

MMS
1745 West & 1700 South
Room 2000 Administration Bldg.
Salt Lake City, Utah 84104

DIVISION OF
OIL, GAS & MINING

RE: #3 Abajo Federal
SWSE Sec. 5, T32S, R23E
San Juan County, Utah

Gentlemen:

Enclosed is the original and three copies of a sundry notice stating some changes that we made from the original permit on the above captioned well.

Very truly yours,

DAVIS OIL COMPANY

Michelle Hiller

Michelle Hiller
Executive Secretary

/mh
Enclosures

cc: State of Utah

cc: Garry Roggow

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 Street, Suite 1400, Denver, CO 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) SWSE Sec. 5, T32S, R23E
AT SURFACE:
AT TOP PROD. INTERVAL: 660' FSL, 1980' FEL
AT TOTAL DEPTH:

5. LEASE U-13671

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Abajo Federal

9. WELL NO.
#3

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 5, T32S, R23E

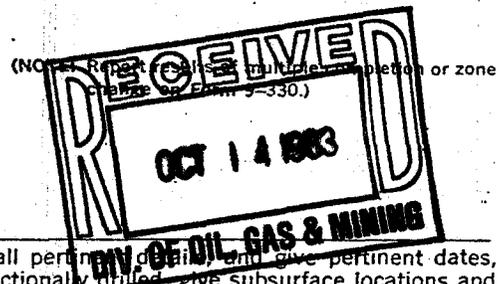
12. COUNTY OR PARISH San Juan 13. STATE Utah

14. API NO.
43-037 30869

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6370' GR, 6380' 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 <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) CHANGE OF PLANS <input checked="" type="checkbox"/>	<input type="checkbox"/>



17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent operations 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.)*

PLEASE BE ADVISED THAT DAVIS OIL COMPANY HAS CHANGED THE CASING ON THE ABOVE CAPTIONED WELL TO:

12 1/4", 9 5/8" 36# K-55 STC(NEW) 0-1100' 700 sxs. Class G cement to surface
8 3/4", 5 1/2" 15.5# K-55 STC(NEW) 0-4950' 200 sxs. Class G cement

Also please be advised that a core was added in the Lower Ismay est. interval 4670-4760'. Initially we requested on the original permit no core but decided to add this core as an after thought.

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

DATE: 10/15/83
BY: [Signature]

Subsurface Safety Valve: Manu. and Type _____ Ft.

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

SIGNED Ed Lafaye TITLE Chief Geologist DATE 10/12/83

(This space for Federal or State office use)

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

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.)
AT SURFACE: *SWSE Sec. 5, T32S, R23E*
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: *660' FSL, 1980' FEL*

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

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

5. LEASE
U-13671

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Abajo Federal

9. WELL NO.
3

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 5, T32S, R23E

12. COUNTY OR PARISH | 13. STATE
SAN JUAN | Utah

14. API NO.
43-037-30869

15. ELEVATIONS (SHOW DF, KOB, AND WD)
6370' CR

(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 to P&A as follows

<i>4800' to 4600'</i>	<i>102</i>	<i>sacks</i>	<i>of</i>	<i>class "B"</i>	<i>cement</i>
<i>1300' to 1000'</i>	<i>170</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
<i>65' to surface</i>	<i>27</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>

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

DATE: *10/15/83*

BY: *[Signature]* Ft.

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED *C. E. Powell* TITLE *Asst Dist Supt* DATE *10/15/83*

(This space for Federal or State office use)

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

RECEIVED

OCT 31 1983

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
DIVISION OF OIL, GAS & MINING
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.)
AT SURFACE: *SWSE Sec. 5, T32S, R23E*
AT TOP PROD. INTERVAL: *660' FSL, 1980' FEL*
AT TOTAL DEPTH:

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

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

- 5. LEASE
U-13671 ✓
- 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- 7. UNIT AGREEMENT NAME
- 8. FARM OR LEASE NAME
Abajo Federal
- 9. WELL NO.
3
- 10. FIELD OR WILDCAT NAME
Wildcat
- 11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Sec. 5, T32S, R23E
- 12. COUNTY OR PARISH; 13. STATE
SAN JUAN Utah
- 14. API NO.
43-037-30869
- 15. ELEVATIONS (SHOW DF, KDB, AND WD)
6370' GR

(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 to P&A as follows

<i>4800' to 4600'</i>	<i>102</i>	<i>sacks</i>	<i>of</i>	<i>class "B" cement</i>
<i>1300' to 1000'</i>	<i>170</i>	<i>"</i>	<i>"</i>	<i>"</i>
<i>65' to surface</i>	<i>27</i>	<i>"</i>	<i>"</i>	<i>"</i>

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
 DATE: *10/15/83*
 BY: *[Signature]*

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

18. I hereby certify that the foregoing is true and correct
 SIGNED *C.E. Powell* TITLE *Asst Dist Supt* DATE *10/15/83*

(This space for Federal or State office use)

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

RECEIVED
UNITED STATES
DEPARTMENT OF THE INTERIOR
NOV 2 1983
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

25
15

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEPT. EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
DAVIS OIL COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface SWSE Sec. 5, T32S, R23E

At top prod. interval reported below
660' FSL, 1980' FEL

At total depth _____

14. PERMIT NO. 43-037-30869
DATE ISSUED 2/15/83

5. LEASE DESIGNATION AND SERIAL NO.
U-13671

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Abajo Federal

9. WELL NO.
#3

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 5, T32S, R23E

12. COUNTY OR PARISH San Juan
13. STATE Utah

15. DATE SPUNDED 9/23/83
16. DATE T.D. REACHED 10/10/83
17. DATE COMPL. (Ready to prod.) _____
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6362' GR, 6376' KB
19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD DTD 4987', LTD 4986'
21. PLUG, BACK T.D., MD & TVD _____
22. IF MULTIPLE COMPL., HOW MANY* _____
23. INTERVALS DRILLED BY surface to TD
ROTARY TOOLS _____
CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* _____
25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
FDC-CNL-GR, DIL-SFL-GR, Integrated BHC with CAL, Dipmeter Sample
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
9 5/8"		1110'	12 1/4"		

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) P&A'D

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

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

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS
Geological Report

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

SIGNED Ed Lafaye Ed Lafaye TITLE Chief Geologist DATE 10/26/83

*(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
			MEAS. DEPTH TOP TRUE VERT. DEPTH
			Honaker Trail 3533 +2843
			Upper Ismay 4708 +1668
			Hovenweep Shale 4802 +1574
			Lower Ismay 4842 +1534
			Gothic Shale 4896 +1480
			Desert Creek 4933 +1443
			Salt 4983 +1393
			Total Depth DTD 4987'
DST #1 from 4777-4797'	IF 15 minutes	IF 15 minutes	opened with weak blow, increased steadily to 1# in 15". ISI 30 minutes: blow slowly died in 30 min. FF 90 minutes: opened with 3" blow, increased steadily to 4# in 80 min., steady @ 4#'s.
			FSI 180 minutes: blow slowly died to 4". Recovered 200' mud cut salt water
			2752' salt water, slightly sulfur cut. Bottom hole sampler: Pressure 100 PSI, Rec. 1500 cc black sulfur water. IH 2362, IF 131 to 371, ISI 2106, FF437 to 1381, FSI 2170, FH 2319. BHT 105'. (Top chart).
			Remarks: Good mechanical test.
			Core #1 - 4756-4797' Recovery: 41', 100%.

CORE #1

Interval: 4,756' - 4,797'

Recovery: 41', 100%

- 4,756-4,778 100% ANHYDRITE - gybl, wh, frm, dense, lower section occ calc intbd.
- 4,778-4,779 ANHYDRITE - gybl-ltgy-wh, frm-hd, dense, incr intbd calc nodules.
- 4,779-4,780 ANHYDRITE - clr-wh-gybl, frm-hd, dense, incr intbd calc nodules.
- 4,780-4,781 SHALE - gy-dkgy, frm-hd, blkgy-sbblky, v calc, ip lmy, sl frctd, w/ calc & ANHY filling, bri wh yel flor along frct.
- 4,781-4,782 SHALE - gy-dkgy, hd, v calc, sl frctd, w/calc filling.
- 4,782-4,783 SHALE - dkgy, hd, v calc, tr frctd w/calc filling.
- 4,783-4,784 SHALE - dkgy, hd, v calc, lmy, ip grd to shy LS, sl frctd w/calc filling, tr of bri wh yel flor along fract, no vis oil.
- 4,784-4,785 SHALE - dkgy-blk, frm-hd, calc lmy, ip carb, sl fract, w/calc filling, tr bri yel flor along frct lines.
- 4,785-4,786 SHALE - dkgy, occ blk, frm-hd, calc, lmy, n carb, mod fract w/calc filling, bri yel flor along fract.
- 4,786-4,787 50% SHALE - dkgy, occ blk, frm.
50% LIMESTONE - ltgy, f-micxl, fr-w ind, abnt sm fract, w/calc filling, yel flor, calc nodules.
- 4,787-4,788 100% LIMESTONE - ltgy, occ gy, fr-w ind, f-micxl, tr fos frags, abnt fract, calc filled, bri yel/wh flor, v strng odor, g vug \emptyset , pp- 1" vugs, approx. 10% \emptyset , vis \emptyset .
- 4,788-4,789 100% LIMESTONE - ltgy, occ gy, strng odor, bri yel/wh flor, g vug \emptyset , pp-1" vugs, strng cut flash cut.
- 4,789-4,790 100% LIMESTONE - ltgy-gybrn, occ gy, strng odor, bri yel/wh flor, vug-fract \emptyset , pp-1" vugs, strng cut, flash, decr vug \emptyset .
- 4,790-4,791 100% LIMESTONE - ltgy-gybrn, occ gy, strng odor, bri yel/wh flor along fract, no vug \emptyset , abnt sm fract, p vis \emptyset , sl mlk/yel cut.
- 4,791-4,794 LIMESTONE/SHALE - grad zone from ltgy-gybrn LS to dkgy fis SH, occ lmy fract filled with calc, bri wh/yel flor along fract, no \emptyset .
- 4,794-4,797 SHALE/LIMESTONE - thin beds of ltgy LS and dkgy SH, fractures, vertical and horizontal, flor along fractures, no vis \emptyset .

STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL & GAS CONSERVATION
 4241 STATE OFFICE BUILDING
 SALT LAKE CITY, UTAH 84114
 533-5771

State Lease No. _____
 Federal Lease No. 71-013671
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY San Juan FIELD/LEASE Abajo Fed. #3 Wildcat/Drg.

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
October, 19 83

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

Company Davis Oil Company
 Signed *[Signature]*
 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)	API NUMBER/REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
SWSE 5	32S	23E	3	NONE	NONE	---	NONE	----	NONE	API# 43-037-30869 9/23/83 - Spudded. 9/27/83 - Drg. @ 1110'. Ran 26 jts. 9-5/8", 36#, K-55 ST&C csg. Cmtd. w/450 sxs. 10/9/83 - Drg. @ 4798'. DST #1, 4777-9'; Upper Ismay. 10/13/83 - Plugged well as follows: 4800-4600'-102 sxs., 1300-1000'-170 sxs., 65-surf. 25 sxs. Rig released.. Well P&A. FINAL REPORT.

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 IN DUPLICATE.**

Note: The API number must be listed on each well.

HALLIBURTON SERVICES JOB SUMMARY

FORM 2012 R-2

HALLIBURTON DIVISION
HALLIBURTON LOCATION Escondido

BILLED ON TICKET NO. 204741

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY San Juan STATE NM

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS FROM _____ TO _____

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

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

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	u	36	9 5/8	KB	1110	1000
LINER	u	1 1/2	4 1/2	KB	4400	1000
OPEN HOLE			11.5	1110	4400	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-22-85</u>	DATE <u>10-12-85</u>	DATE <u>10-12-85</u>	DATE <u>10-13-85</u>
TIME <u>16:30</u>	TIME <u>21:40</u>	TIME <u>23:00</u>	TIME <u>05:35</u>

TOOLS AND ACCESSORIES

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

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>D.G. Foster</u>	<u>CM 712</u>	<u>FARMINGTON</u>
<u>T. Colburn</u>	<u>7735</u>	
<u>W. H. H. H.</u>	<u>1135</u>	

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL API

DISPL. FLUID _____ DENSITY _____ LB/GAL API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL _____ %

ACID TYPE _____ GAL _____ %

ACID TYPE _____ GAL _____ %

SURFACTANT TYPE _____ GAL _____ IN

HE AGENT TYPE _____ GAL _____ IN

FLUID LOSS ADD. TYPE _____ GAL-LB _____ IN

GELLING AGENT TYPE _____ GAL-LB _____ IN

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

BREAKER TYPE _____ GAL-LB _____ IN

BLOCKING AGENT TYPE _____ GAL-LB _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT Cement

DESCRIPTION OF JOB Play Top Abandonment 3rd Day - 3 CMT, Plugs

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X C.E. Pugh

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	102	HEMP	5	Zebra	96		1.18	1526
2	170	"	"	"	"		1.18	1526
3	27	"	"	"	"		1.18	1526

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 9-MIN. _____ 15-MIN. _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

PRET _____ REASON _____

SUMMARY

PRESLUSH: BBL-GAL. 25 TYPE 1120

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

TREATMENT: BBL-GAL. _____ DISPL: BBL-GAL. 77.5

CEMENT SLURRY: BBL-GAL. 63

TOTAL VOLUME: BBL-GAL. 117

REMARKS

290 CMT

CUSTOMER

CUSTOMER _____ LEASE _____ WELL NO. _____ JOB TYPE _____ DATE _____



DAVIS OIL COMPANY

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

RECEIVED
NOV 5 1983

DIVISION OF
~~TRANSMITTAL~~
OIL, GAS & MINING

TO: *State of Utah*

DATE: 11/1/83

RE: WELL NAME: # 3 Abajo Fed.

ENCLOSED PLEASE FIND THE FOLLOWING:

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

REMARKS: _____

RECEIVED BY: *Claudia Jones* DATE: 11/4/83
Well Records

PLEASE ACKNOWLEDGE RECEIPT BY SIGNING AND RETURNING THE
ENCLOSED COPY.