

UTAH OIL AND GAS CONSERVATION COMMISSION

*M*

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE X WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB REPORT/abd \_\_\_\_\_

DATE FILED 2-14-83

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. \_\_\_\_\_ INDIAN 14-20-0603-

DRILLING APPROVED: 5-9-83 - OIL 8495

SPUDED IN: \_\_\_\_\_  
COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: \_\_\_\_\_

DATE ABANDONED: 4-24-84 LA. Well never drilled

FIELD: 3/86 Rockwell Flats

UNIT: \_\_\_\_\_

COUNTY: San Juan

WELL NO. Rockwell Flats #1 API #43-037-30896

LOCATION 2230 FT. FROM (N) ~~XX~~ LINE. 1966 FT. FROM (E) ~~XX~~ LINE. SWNE 1/4 - 1/4 SEC. 33

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
41S	26E	33	DAVIS OIL COMPANY				

ROSEMARY BROWN

Requested e-3-c  
data

Youn  
2-15-83

✓  
(Rosemary was covering

---

Paul Messinger said  
he would send ltr.

Youn  
5-4

OK 5-9-83  
Youn

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG  ELECTRIC LOGS  FILE  WATER SANDS  LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/abd. \_\_\_\_\_

*Subsequent Report of Water Shut off 1-29-67*  
*Subsequent Report of perforating and acidizing*  
*\* 4-2-82 Change of operator*

*10-20 Lease taken over by Merriam-Bayless from Gulf Oil*

DATE FILED 8-10-67

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. INDIAN 4-20-0603-84

DRILLING APPROVED: 8-11-67 8495

SPUDED IN: 8-16-67

COMPLETED: 9-18-67 PUT TO PRODUCING: 9-19-67

INITIAL PRODUCTION: 184 BOPD 265.0 MCFG/D 46 BOPD

GRAVITY A.P.I. 42.5°

GOR: 1439:1 (1638 on HOR test 10-67)

PRODUCING ZONES: 5731-5735'

TOTAL DEPTH: 5962'

WELL ELEVATION: 4869' Ground

DATE ABANDONED:

FIELD: ~~New Field Wildcat~~ *Rockwell Flat Field - 1-11-68*

UNIT:

COUNTY: San Juan

WELL NO. AZTEC-NAVAJO #1 API NO. 43-037-20273

LOCATION 660' FT. FROM (N) (S) LINE, 1980' FT. FROM (E) (W) LINE. C NE NW ¼-¼ SEC. 33

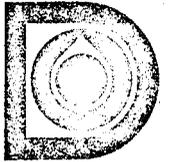
TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR:
				41 S	26 E	33	MERRION Oil & Gas Corp. MERRION & BAYLESS

*this is the only other well in the section*  
*as of 5-3-83*

DAVIS OIL COMPANY

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

NEW ORLEANS  
HOUSTON  
TULSA



January 11, 1983

MMS  
P.O. Box 3524  
Durango, CO 81301

RE: #1 Rockwell Flats  
SWNE Sec. 33, T41S, R26E  
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 Southland Royalty, Merrion Oil, and Robert L. Bayless will be forthcoming.

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

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

Very truly yours,

DAVIS OIL COMPANY

Michelle Hiller  
Executive Secretary

/mh  
Enclosures

✓ cc: State of Utah - Division of Oil & Gas

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 SWNE Sec. 33, T41S, R26E

At proposed prod. zone   
2230' FNL, 1966' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
7 miles northwest of Aneth, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 925' FEL

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4832. GR Est., 4842 KB Est.

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)	0-1500' 700 sxs est.
8 3/4"	5 1/2"	15.5# K-55	LTC(NEW)	0-5960' 500 sxs est.

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

5. LEASE DESIGNATION AND SERIAL NO.  
-----

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
14-20-0603 8495

7. UNIT AGREEMENT NAME  
-----

8. FARM OR LEASE NAME  
Rockwell Flats

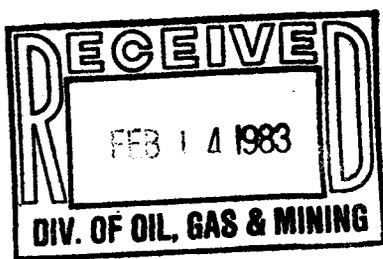
9. WELL NO.  
#1

10. FIELD AND POOL, OR WILDCAT DEVELOPMENT  
ROCKWELL FLATS

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 33, T41S, R26E

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

16. NO. OF ACRES IN LEASE  
17. NO. OF ACRES ASSIGNED TO THIS WELL  
19. PROPOSED DEPTH 5960'  
20. ROTARY OR CABLE TOOLS Rotary  
22. APPROX. DATE WORK WILL START\* Upon approval



APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 5-9-83  
BY: *[Signature]*

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

24. SIGNED *[Signature]* TITLE Chief Geologist DATE 1/11/83

(This space for Federal or State office use)

PERMIT NO. 43-037-30896 APPROVAL DATE

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

COMPANY DAVIS OIL COMPANY

LEASE ROCKWELL FLATS WELL No. 1

SECTION 33 T. 41S., R. 26E., S.L.B.&M.

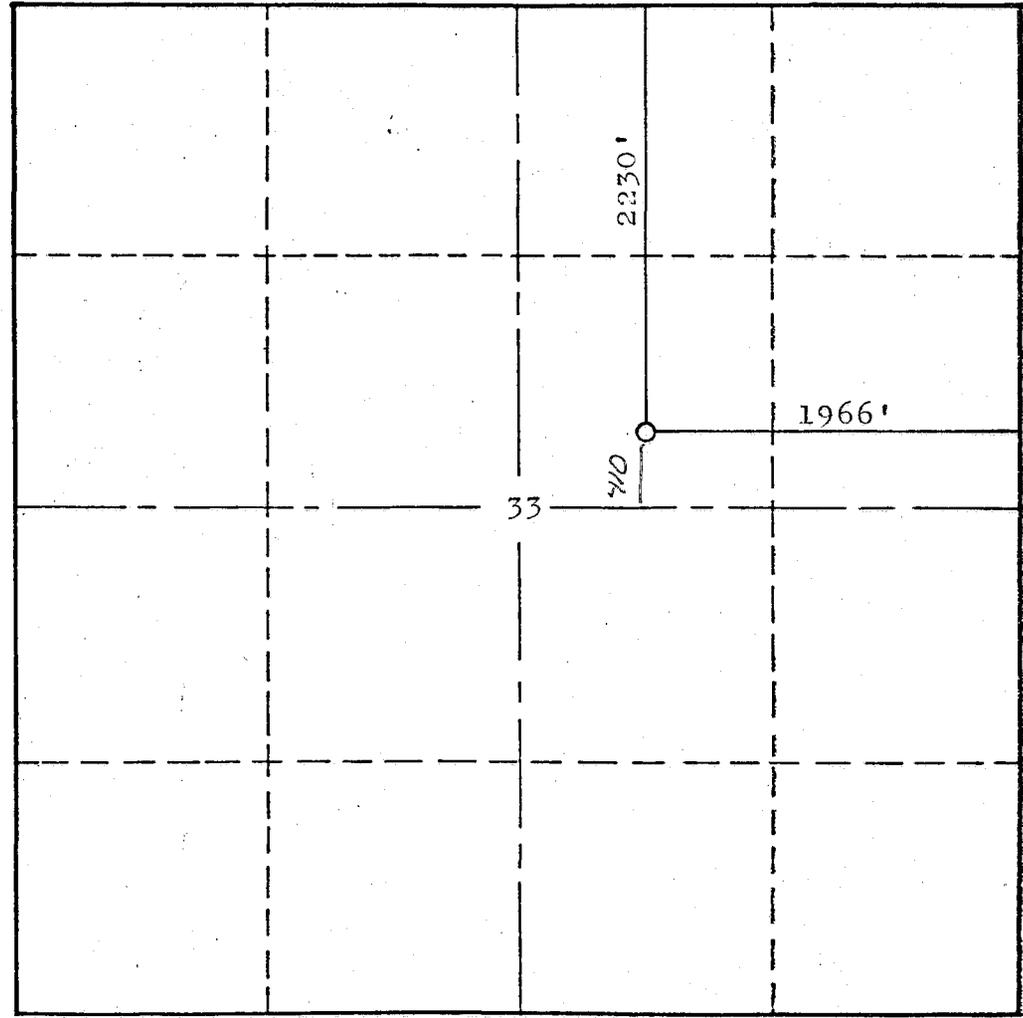
LOCATION 2230 feet from the north line  
1966 feet from the east line

ELEVATION 4832 (Ungraded)  
USGS Datum

SAN JUAN COUNTY UTAH



Scale: 1" = 1000'



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

DATE: January 31, 1983

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

OPERATOR DAVIS OIL CO

DATE 2-15-83

WELL NAME ROCKWELL FLATS #1

SEC SWNE 33 T 41S R 26E COUNTY SAN JUAN

43-037-30896  
API NUMBER

INDIAN  
TYPE OF LEASE

POSTING CHECK OFF:

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

PROCESSING COMMENTS:

410' from south 1/4/4 line  
No oil wells within 1000'

*RJKV*

APPROVAL LETTER:

SPACING:  A-3 \_\_\_\_\_ UNIT  c-3-a \_\_\_\_\_ CAUSE NO. & DATE

c-3-b  c-3-c

SPECIAL LANGUAGE:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *INDIAN*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER NO

UNIT NO

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

*600 FNL  
1990 FWL*

*AZTEC-NAVAJO #1*

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 SWNE Sec. 33, T41S, R26E  
At proposed prod. zone 2230' FNL, 1966' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
7 miles northwest of Aneth, Utah

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

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4832. GR Est., 4842 KB Est.

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)	0-1500' 700 sxs. est.
8 3/4"	5 1/2"	15.5# K-55	LTC (NEW)	0-5960' 500 sxs. est.

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

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

This action is subject to administrative appeal pursuant to 30 CFR 290.

RECEIVED  
MAY 23 1983  
DIVISION OF OIL GAS & MINING

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

24. SIGNED Ed Lafaye TITLE Chief Geologist DATE 1/11/83  
ED LAFAYE

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Utah O.G.C.C.

APPROVED AS AMENDED  
DATE APR 28 1983  
JAMES F. SIMS  
DISTRICT ENGINEER  
Acting Area Manager

RECEIVED  
FEB 7 1983  
U.S. GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
14-20-0603 8495  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Rockwell Flats  
9. WELL NO.  
#1  
10. FIELD AND POOL, OR WILDCAT DEVELOPMENT  
ROCKWELL FLATS  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 33, T41S, R26E  
12. COUNTY OR PARISH  
San Juan  
13. STATE  
Utah

COMPANY DAVIS OIL COMPANY

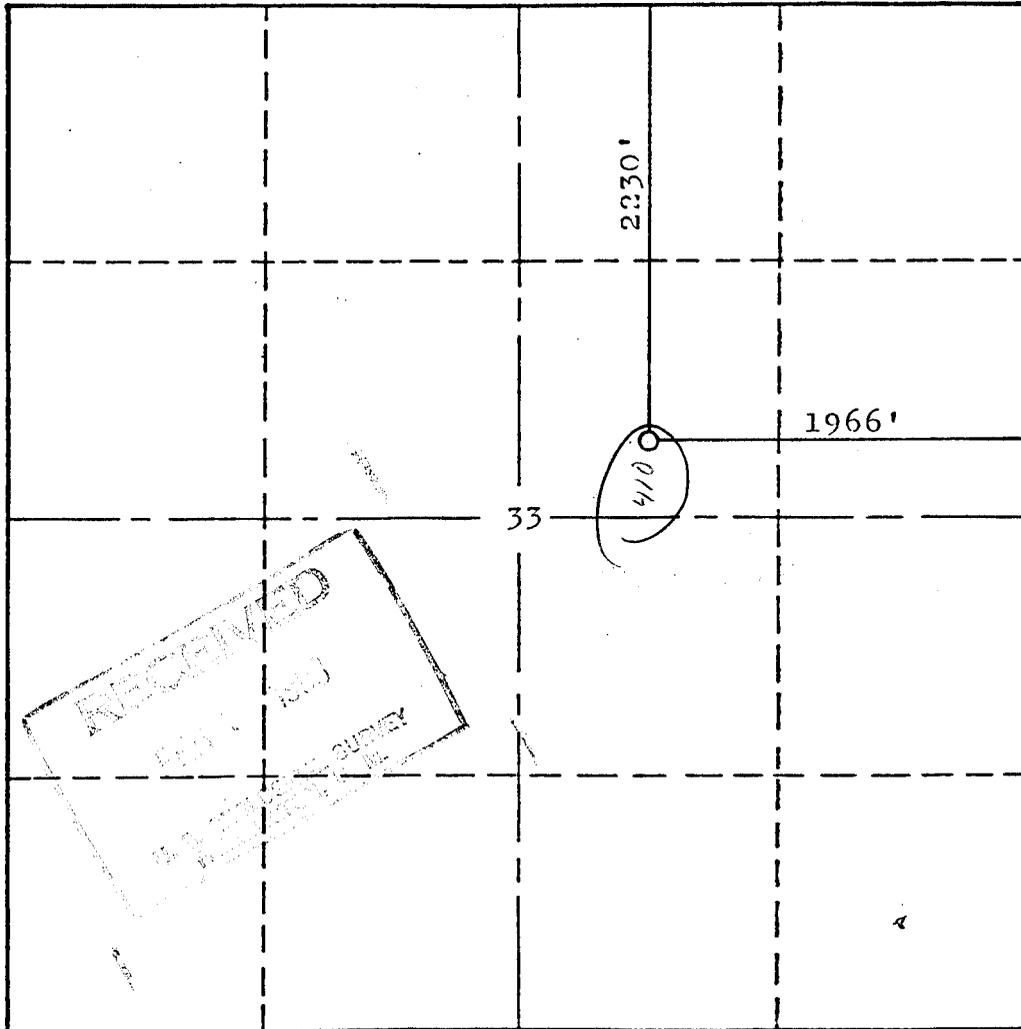
LEASE ROCKWELL FLATS WELL No. 1

SECTION 33 T. 41S., R. 26E., S.L.B.&M.

LOCATION 2230 feet from the north line  
1966 feet from the east line

ELEVATION 4832 (Ungraded)  
USGS Datum

SAN JUAN COUNTY UTAH



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: Morrison

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

Morrison	surface	water
Navajo	1040'	Sandstone
Chinle	1445'	tight red beds
De. Chelly	2873'	sandstone, wet
Organ Rock	2930'	-----
Hermosa	4685'	limestone, sandstone, shale, water, oil gas
Ismay	5581	limestone, dolomite, water, oil, gas
Lower Ismay	5675'	limestone, dolomite, water, oil, gas
Gothic	5727'	shale
Desert Creek	5778'	limestone, dolomite, water, oil, gas
Chimney Rock	5870'	shale
Total Depth	5960'	

4) CASING PROGRAM:

12 1/4", 9 5/8" 36# K-55 STC(NEW) 0-1500' 700 sxs. est.  
8 3/4", 5 1/2" 15.5# K-55 LTC(NEW) 0-5960' 500 sxs. est.

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

0-1500' freshwater spud mud, 8.5 ppg  
1500-4000' gel water 8.8 ppg  
4000-5960' LSND Maximum mud weight 8.9 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 base of surface casing to total depth.  
Sonic-GR - CAL - from base of surface casing to TD.  
FDC-CNL-GR 0 from 4500' to TD.

CORING:

NONE

8) Continued -

TESTING:

1 DST Ismay.

STIMULATION:

Ismay or Desert Creek Formation - acidize with 5000 gallons HCL acid.

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

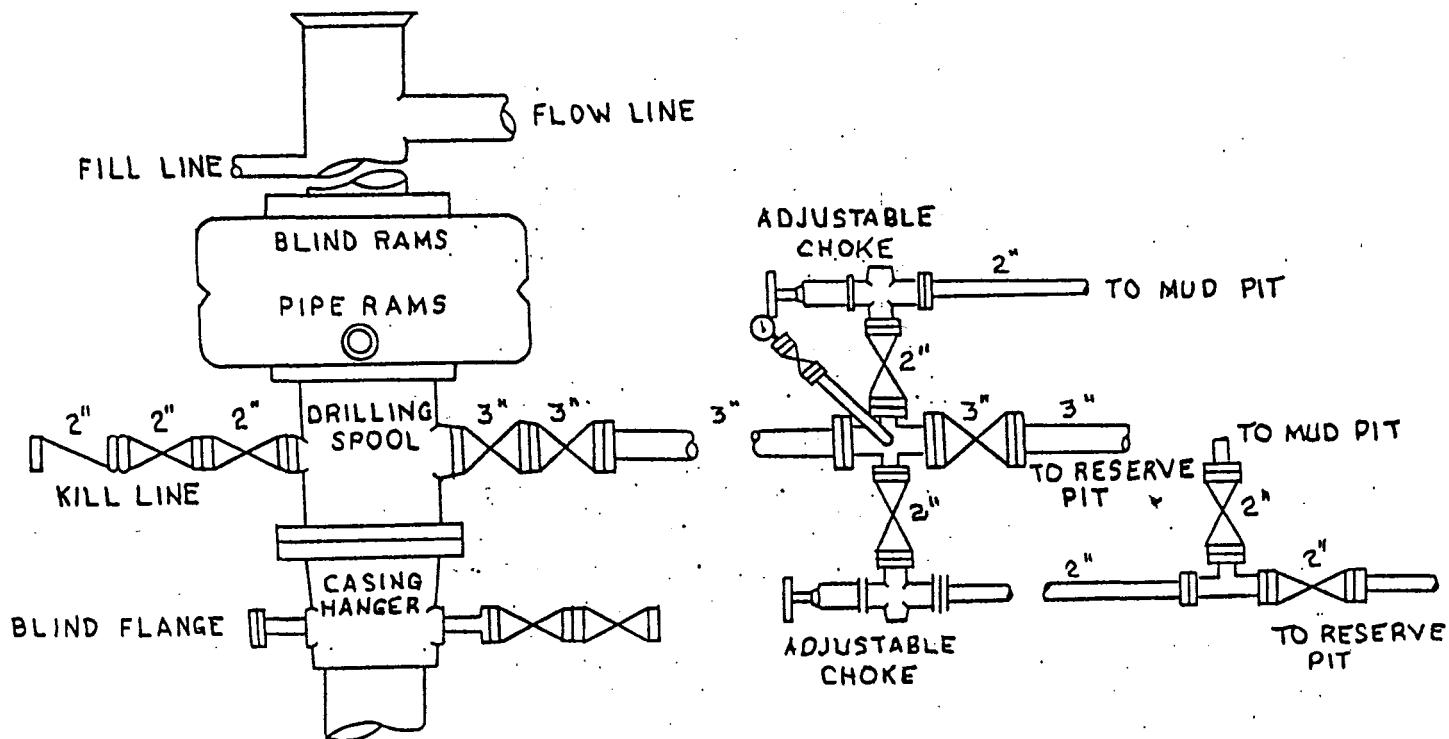
- 9) ABNORMAL PRESSURE: This firm does not anticipate any abnormal pressure of temperatures or any other hazards. This is based on previous geological data from nearby wells.

ESTIMATED BOTTOMHOLE PRESSURE: 2500 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



4. Location of existing and/or proposed facilities owned and/or controlled by Davis Oil Company

A. Existing facilities:

1. Tank batteries: None.
2. Production facilities: None.
3. Oil gathering lines: None.
4. Gas gathering lines: None.
5. Injection lines: None.
6. Disposal lines: None.

B. New production facilities: See Diagram "C".

1. Proposed tank battery: Will be on the location and situated a minimum of 125' from the well bore.
2. Dimensions of facilities: See Diagram "C".
3. Construction methods and materials: Area to be used will be leveled with dozer, materials used for foundation will consist of crushed rock and native materials. 6" of topsoil will be removed and stockpiled for use in revegetating the site.
4. Protective measures and devices: Pits will be fenced and flagged to protect livestock, wildlife and waterfowl.

C. Plans for rehabilitation of disturbed area: All disturbed areas not needed for operations will be contoured to match existing terrain and reseeded with the following seed mixture recommended by the BIA.

<u>Seed</u>	<u>Lbs/acre</u>
Alkali Sacation	1
Sand Dropseed	1
Indian Ricegrass	2
Four-wing Saltbush	1

Drilled rate 5 lbs/acre

Compacted areas will be placed or ripped to a depth of four to six inches before reseeding. Seed will be drilled to a depth of .5 to .75 inch or broadcast and followed by a drag or packer. If broadcast the above recommended seed mixture will be applied at 150% of the recommended rate.

5. Location and type of water supply

- A. Supply: McElmo Creek or San Juan River.
- B. Method of transportation: Water will be hauled by tank trucks using existing roads.
- C. Water wells to be drilled: None.

6. Source of construction materials

- A. Location: At this time plans are to use only soil materials of drilling location as construction materials.
- B. From Federal or Indian lands: The location and access road are on the Navajo Reservation.
- C. Additional materials: In the event that conditions should necessitate graveling of all or part of the access road and location, surfacing materials will be obtained from suppliers in the marketing area.
- D. Access roads on Federal or Indian lands: The location and access road are on the Navajo Reservation.

7. Methods of handling waste disposal

- 1 & 2. Cuttings and drilling fluids: Deposited during drilling operations will be put in reserve pits.
3. Produced fluids: Tanks will be used for storage of produced fluids during testing.

4. Sewage: Sewage will be contained in a portable latrine or bored hole and buried to a minimum depth of six feet, and a suitable chemical will be used to decompose waste materials.
5. Garbage and other waste materials: Garbage and other waste materials will be put in a burn pit and all flammable materials will be burned. Burn pits will be fenced on four sides and 3/4 of the top with small mesh wire to prevent littering.
6. Proper clean-up of well site: Upon completion of drilling all trash and litter will be picked up and placed in the burn pit which will be buried with a minimum of two feet of dirt cover. The location will be fenced prior to drilling and completely enclosed when drilling is completed. It will remain fenced for two years to allow seeding establishment and will then be removed.

8. Ancillary facilities

1. None planned.

9. Wellsite layout

1. Cuts and fills: See Diagram "D".
2. Location of pits and stockpiles: For location of mud tanks, reserve, burn and trash pits, pipe racks, living facilities and soil materials stockpiles, see Diagram "C".
3. Pad orientation: For rig orientation parking areas and access roads, see Diagram "C".
4. Lining of pits: Pits will be lined with Bentonite.

10. Plans for restoration of surface

1. Backfilling, leveling, contouring, and waste disposal: Topsoil will be stripped from the location and stockpiled for use after completion of contouring at which time it will be redistributed on the location. Backfilling of the reserve pits will be done as soon as the pits are dry. Contouring of the location will be done, in the event of a dry hole, to restore the surface to as near its original condition as possible. In the event of production those portions of the pad not needed for operations will be contoured in such a manner as to support vegetation and blend into the surrounding topography as much as possible. Waste disposal will begin immediately after completion of drilling. All trash and litter will be picked up, placed in the burn pit and buried.
2. Revegetation and rehabilitation: Revegetation of the location and access roads (those not left for landowners use) will begin with reseeding which will be done in the Spring or Fall of the year with the seed mixture specified by the appropriate agency. Rehabilitation of the location and access road will include contouring, replacement of topsoil and reseeding as discussed above.
3. Prior to rig release: The location will be fenced to protect livestock and wildlife. Fence will remain until seed is established - approximately two years.
4. Oil on pit will be removed or overhead flagging will be installed for the protection of waterfowl.
5. Timetable of rehabilitation operations: Commencement of rehabilitation work will be upon completion of drilling. Completion of rehabilitation work will depend on weather conditions and time required for pits to dry.

11. Other information used

1. Topography, soil characteristics, geologic features, flora and fauna: The location is fairly level. To the North it rises slightly for 200'. To the West it is level for 300' where it then slopes off. To the South it gently slopes off for 500'. To the East it is level for 1000'. Soil characteristics - sandy loam. Flora includes snakeweed, salt bush, and native grasses. Fauna includes horses, cattle, sheep, coyotes, small mammals, rodents and birds.
2. Surface-use and ownership: Surface is owned by the Navajo Tribe and is used for the grazing of livestock.
3. Proximity of water, occupied dwellings, archeological, historical or cultural sites: Water of the area includes San Juan River, Marble Wash, McElmo Creek. Nearest occupied dwellings are located approximately 1/2 mile to the Southwest. To the best of our knowledge there are no known archeological, historical or cultural sites in the immediate area; however a qualified archeologist will inspect the site and access road prior to construction.
4. If the well is a producer all above ground structures and equipment will be painted with a non glare sand color Federal Standard 595a 3027.

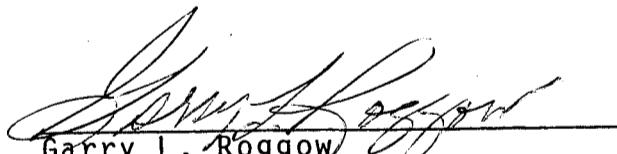
12. Lessee or operator's field representative

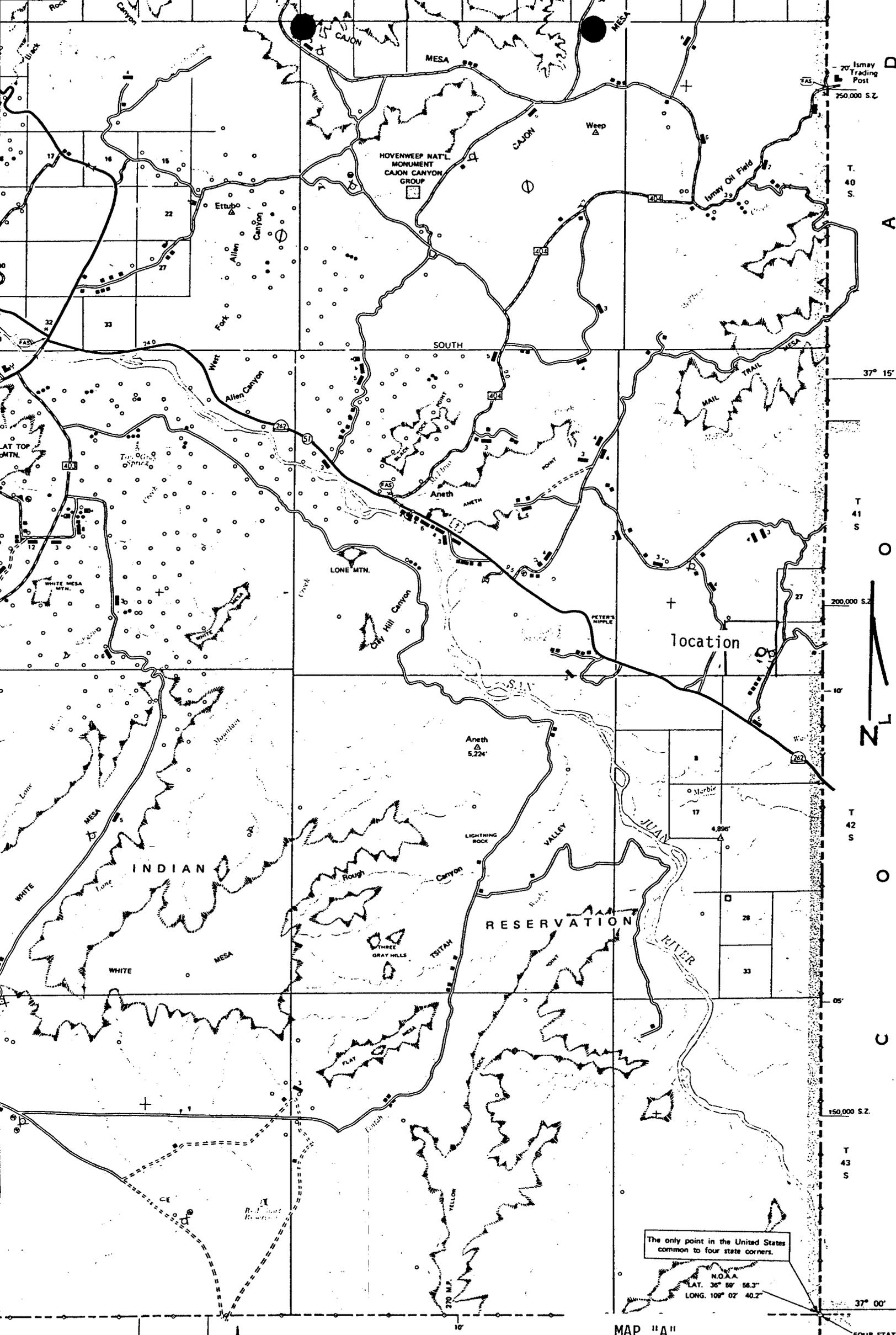
DAVIS OIL COMPANY  
Garry L. Roggow  
Box 534  
Mills, Wyoming 82644  
Phone No. 265-3452 (office)

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and, that the work associated with the operations proposed herein will be performed by Davis Oil Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

DATE: February 4, 1983

  
Garry L. Roggow  
Field Representative



MAP "A"

G  
 SA Rockwell Flats #1  
 SWNE Sec. 33-T41S-R26E Y  
 San Juan County, Utah  
 8.2 miles - Highway #262  
 2.0 miles - existing road

SAN JUAN COUNTY



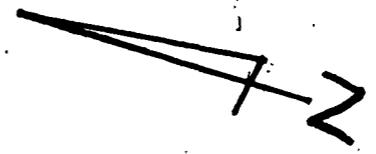
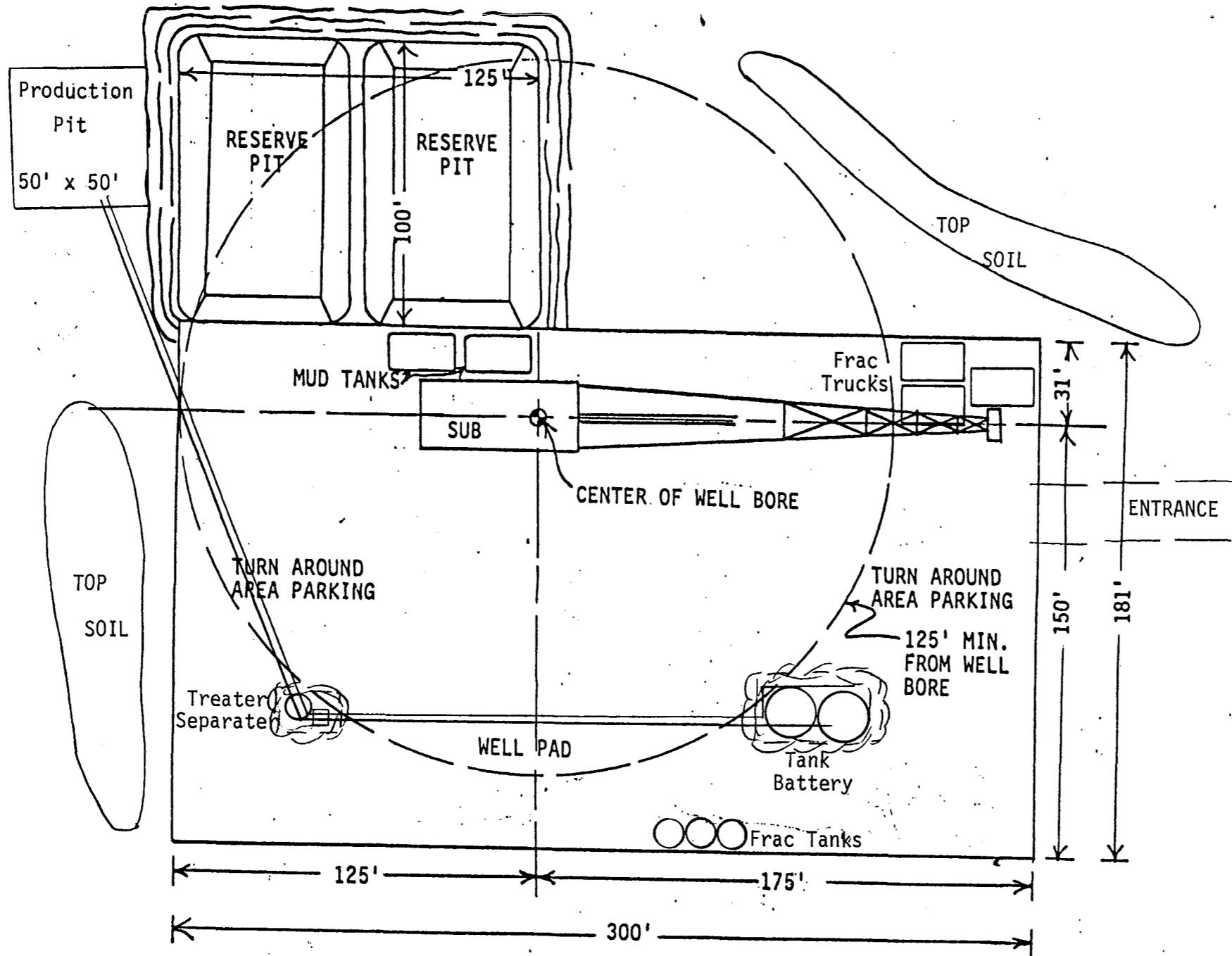
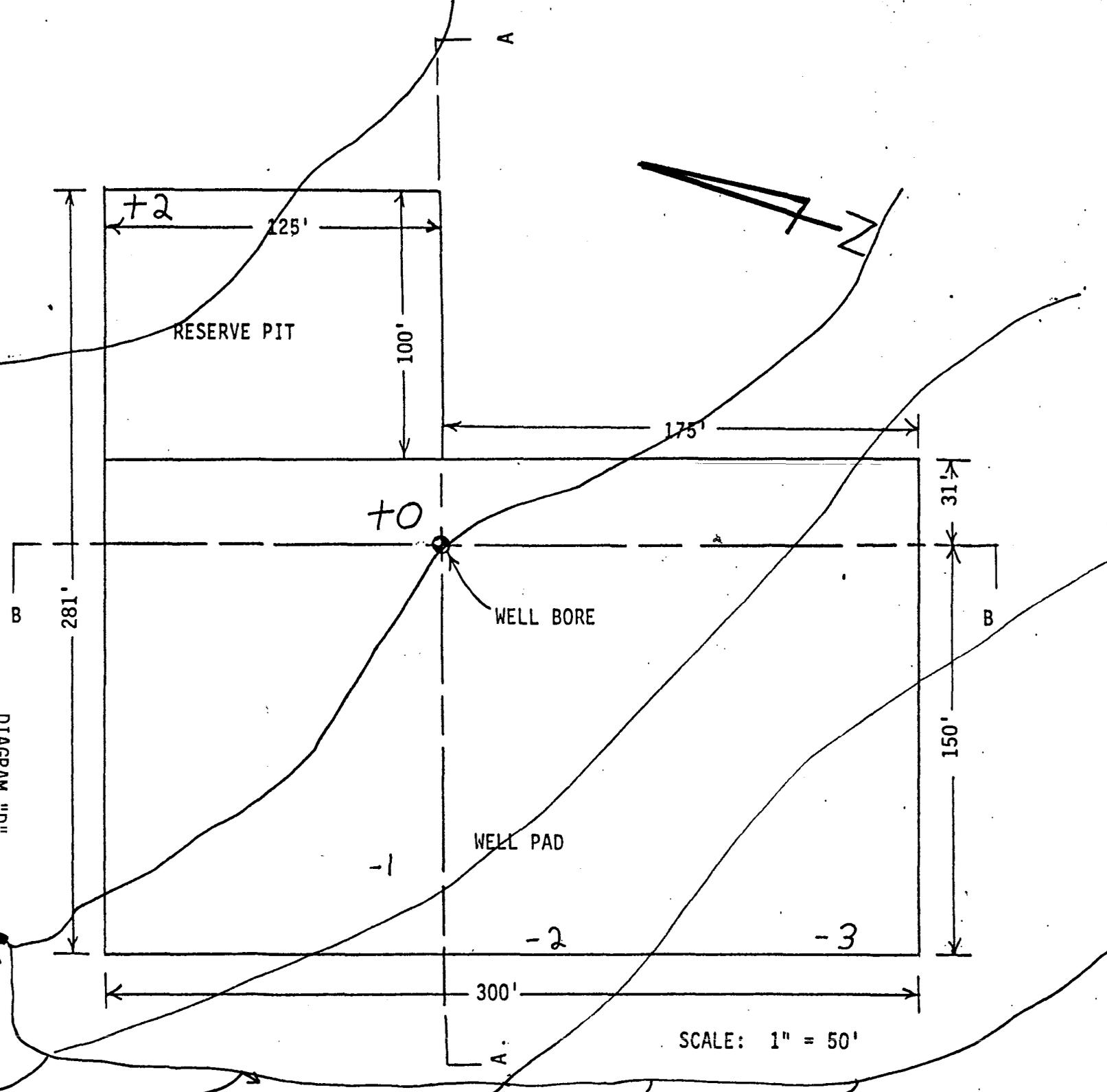


DIAGRAM "C"

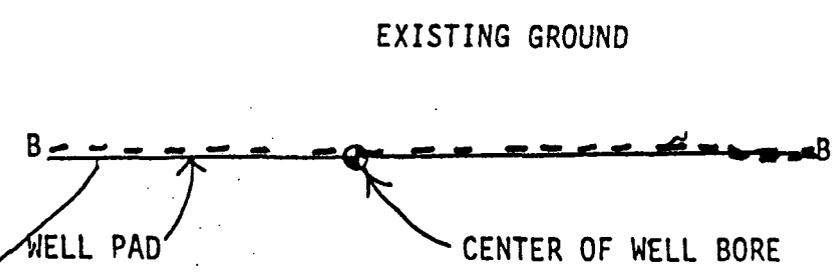
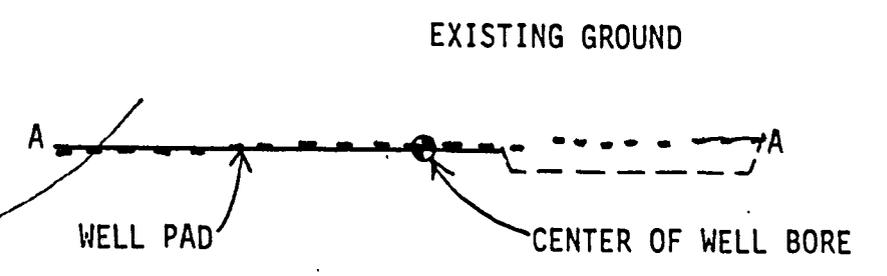
Rockwell Flats #1  
 SWNE Sec. 33-T41S-R26E  
 San Juan County, Utah

Rockwell Flats #1  
SME Sec. 33-T41S-R26E  
San Juan County Utah

DIAGRAM "D"



CROSS SECTIONS



SCALE: 1" = 80'

DAVIS OIL COMPANY

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

NEW ORLEANS  
HOUSTON  
TULSA



May 4, 1983

Utah Oil, Gas and Mining Division  
4241 State Office Building  
Salt Lake City, UT 84114

ATTENTION: Norm Stout

RE: (Holding File)  
#1 Rockwell Flats  
SWNE Sec: 33, T41S-R26E  
San Juan County, UT

Dear Sir:

In accordance with Rule C-3(c), please let this letter serve as our request for an unorthodox location for the captioned test to be located 2230' from the North line and 1966' from the East line of the NE $\frac{1}{4}$  of said Section 33.

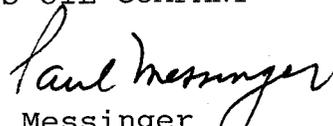
This request is necessitated by topographical and archaeological reasons and said location has been agreed to by personnel of the Navajo Indian Tribe. The lease ownership within a 660 foot radius of the location is Southland Royalty Company, Merrion Oil and Gas Corporation and Robert L. Bayless, and, said ownership is common to the drilling of the well.

We trust this is the information you need for your early approval of our request.

Thank you for your cooperation.

Yours truly,

DAVIS OIL COMPANY

  
Paul Messinger  
Exploration Manager

PN/bw

**RECEIVED**  
MAY 06 1983

**DIVISION OF  
OIL, GAS & MINING**

TEN POINT PROGRAM

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

Morrison	surface	water
Navajo	1040'	Sandstone
Chinle	1445'	tight red beds
De. Chelly	2873'	sandstone, wet
Organ Rock	2930'	-----
Hermosa	4685'	limestone, sandstone, shale, water, oil gas
Ismay	5581	limestone, dolomite, water, oil, gas
Lower Ismay	5675'	limestone, dolomite, water, oil, gas
Gothic	5727'	shale
Desert Creek	5778'	limestone, dolomite, water, oil, gas
Chimney Rock	5870'	shale
Total Depth	5960'	

4) CASING PROGRAM:

- 12 1/4", 9 5/8" 36# K-55 STC(NEW) 0-1500' 700 sxs. est.  
8 3/4", 5 1/2" 15.5# K-55 LTC(NEW) 0-5960' 500 sxs. est.

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

- 0-1500' freshwater spud mud, 8.5 ppg  
1500-4000' gel water 8.8 ppg  
4000-5960' LSND Maximum mud weight 8.9 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 base of surface casing to total depth.  
Sonic-GR - CAL - from base of surface casing to TD.  
FDC-CNL-GR 0 from 4500' to TD.

CORING:

NONE

8) Continued -

TESTING:

1 DST Ismay.

STIMULATION:

Ismay or Desert Creek Formation - acidize with 5000 gallons HCL acid.

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

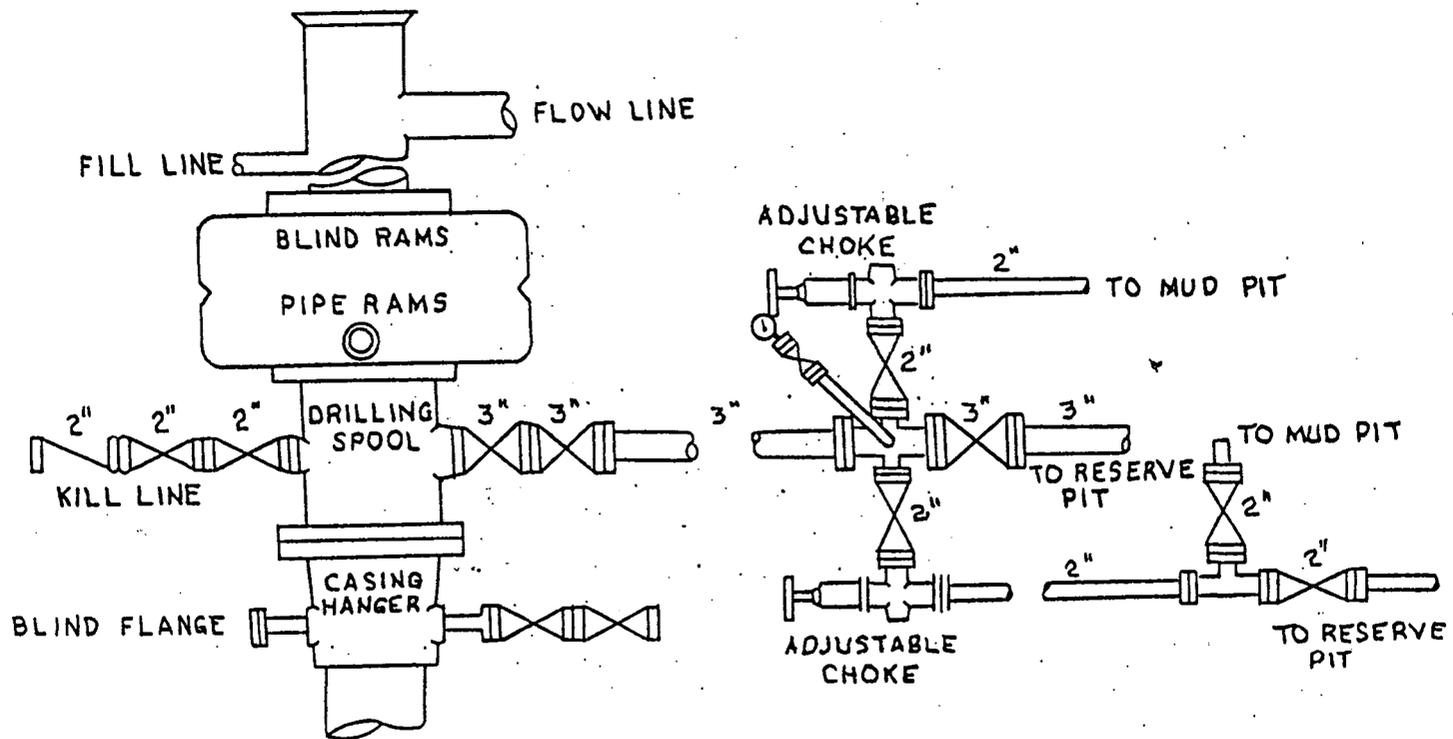
- 9) ABNORMAL PRESSURE: This firm does not anticipate any abnormal pressure of temperatures or any other hazards. This is based on previous geological data from nearby wells.

ESTIMATED BOTTOMHOLE PRESSURE: 2500 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

May 9, 1983

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

RE: Well No. Rockwell Flats #1  
SWNE Sed. 33, T.41S, R.26E  
2230 FNL, 1966 FEL  
San Juan County, Utah

Gentlemen:

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

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

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

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

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

The API number assigned to this well is 43-037-30896.

Sincerely,

  
Norman C. Stout  
Administrative Assistant

NCS/as  
cc: Oil & Gas Operations  
Minerals Management Service  
Bureau of Indian Affairs  
Enclosure

DAVIS OIL COMPANY

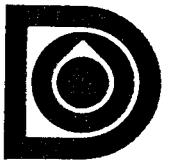
410 — 17TH STREET, SUITE 1400  
DENVER, COLORADO 80202-4472  
TELEPHONE: 303-623-1000

NEW ORLEANS  
HOUSTON  
TULSA

RECEIVED

APR 27 1984

DIVISION OF OIL  
GAS & MINING



April 24, 1984

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

RE: #1 Rockwell Flats  
SWNE Sec. 33, T41S, R26E  
San Juan County, Utah

Gentlemen:

Enclosed is the original and three copies of the sundry notice  
cancelling the above captioned well.

Very truly yours,

DAVIS OIL COMPANY

*Michelle Hiller*

Michelle Hiller  
Executive Secretary

/mh  
Encl.

cc: Garry Roggow  
✓ Dept. of Natural Resources

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPlicate  
(Other instructions on re-verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

**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.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. 14-20-0603 8495
2. NAME OF OPERATOR DAVIS OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----
3. ADDRESS OF OPERATOR 410 17th Street, Suite 1400, Denver, Colorado 80202		7. UNIT AGREEMENT NAME -----
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SWNE Sec. 33, T41S, R26E		8. FARM OR LEASE NAME Rockwell Flats
14. PERMIT NO. 43-037-30896		9. WELL NO. #1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4832' GR		10. FIELD AND POOL, OR WILDCAT Development
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33, T41S, R26E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <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 type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input checked="" 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.)\*

PLEASE BE ADVISED THAT DAVIS OIL COMPANY HAS DECIDED NOT TO DRILL THE ABOVE CAPTIONED WELL.

THERE WAS NO SURFACE DISTURBANCE DONE.

**RECEIVED**

APR 27 1984

**DIVISION OF OIL  
GAS & MINING**

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

SIGNED Ed Lafaye Ed Lafaye TITLE Chief Geologist DATE 4/24/84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

DAVIS OIL COMPANY

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

NEW ORLEANS  
HOUSTON  
TULSA



April 24, 1984

RECEIVED

MAY 10 1984

DIVISION OF OIL  
GAS & MINING

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

RE: #1 Rockwell Flats  
SWNE Sec. 33, T41S, R26E  
San Juan County, Utah

Gentlemen:

Enclosed is the original and three copies of the sundry notice  
cancelling the above captioned well.

Very truly yours,

DAVIS OIL COMPANY

*Michelle Hiller*

Michelle Hiller  
Executive Secretary

/mh  
Encl.

cc: ~~Garry Roggow~~  
Dept. of Natural Resources

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

14-20-0603 8495

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Rockwell Flats

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Development

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

Sec. 33, T41S, R26E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

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.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
DAVIS OIL COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface SWNE Sec. 33, T41S, R26E

2230' FNL, 1966' FEL

14. PERMIT NO.  
43-037-30896

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4832' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)   
PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)   
REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

(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.)\*

PLEASE BE ADVISED THAT DAVIS OIL COMPANY HAS DECIDED NOT TO DRILL THE ABOVE CAPTIONED WELL.

THERE WAS NO SURFACE DISTURBANCE DONE.

RECEIVED

MAY 10 1984

DIVISION OF OIL GAS & MINING

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

SIGNED Ed Lafaye TITLE Chief Geologist DATE 4/24/84

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side