

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE ~~XXXXXX~~ WATER SANDS LOCATION INSPECTED oil SUB. REPORT/abd.

\* Location Abandoned- Well never drilled- 10-4-82

DATE FILED 8-12-81

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. INDIAN XXXXXXXX

DRILLING APPROVED: 8-14-81

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: LA 10-4-82

FIELD: UNDESIGNATED 3/86

UNIT:

COUNTY: SAN JUAN

WELL NO. SOUTH ISMAY #2 API#43-037-30704

LOCATION 610 FT. FROM  (S) LINE. 811 FT. FROM (E)  LINE. SE SE 1/4 - 1/4 SEC. 19

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
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40S	26E	19	DAVIS OIL COMAPNY				
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DAVIS OIL COMPANY  
BOX 534  
MILLS, WYOMING 82644  
PHONE 307/265-3452



August 7, 1981

RECEIVED

AUG 12 1981

DIVISION OF  
OIL, GAS & MINING

U.S. Geological Survey  
Drawer 600  
Farmington, New Mexico 87401

Re: #2 South Ismay  
SESE Sec. 19, T40S, R26E  
San Juan County, Utah

Dear Sirs:

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 Texaco will be forthcoming.

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

A handwritten signature in black ink, appearing to read 'Garry L. Roggow', written over the typed name.

Garry L. Roggow  
Field Representative

GLR/jc  
Enclosures

cc: Utah State Oil & Gas Commission

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**RECEIVED**  
AUG 7 1981  
PLUG BACK

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, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface SESE Sec. 19, T40S, R26E  
 At proposed prod. zone 610' FSL, 811' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 10 miles south to Anath, Utah

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

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 SWNW, NENW 5862'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4979' GR

5. LEASE DESIGNATION AND SERIAL NO.  
 Indian Lease

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 South Ismay

7. UNIT AGREEMENT NAME  
 \_\_\_\_\_

8. FARM OR LEASE NAME  
 \_\_\_\_\_

9. WELL NO.  
 #2

10. FIELD AND POOL, OR WILDCAT  
 Undesignated Development

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 19, T40S, R26E

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)	0-1500' 500 sxs. est.
8 3/4"	5 1/2"	15.5# K-55	STC (NEW)	0-5862' 500 sxs. est.

(SEE TEN POINT PROGRAM)

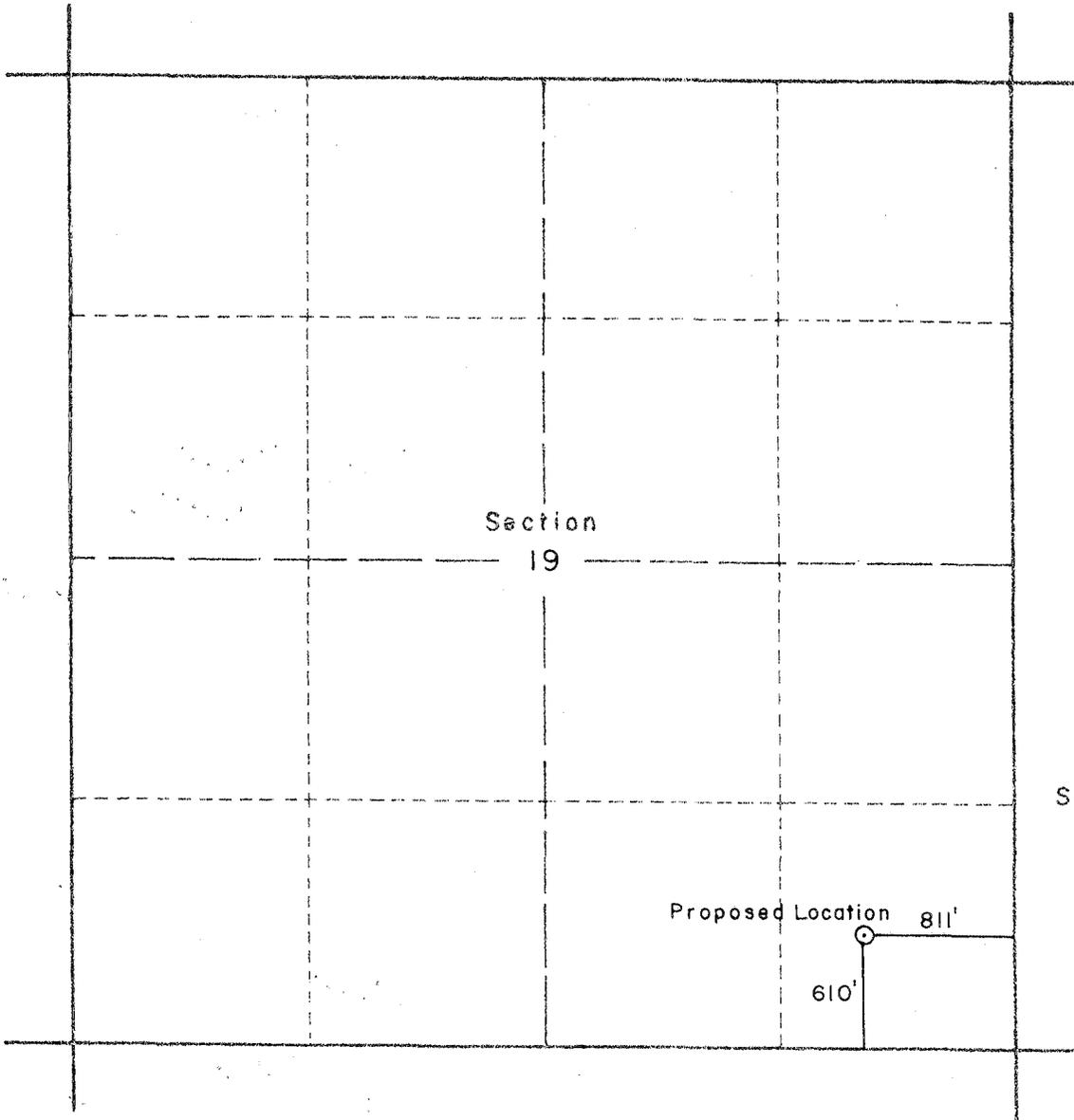
APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 8/14/81  
 BY: [Signature]

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 [Signature] TITLE Chief Geologist DATE 8/5/81  
Ed Lafaye

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

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



Scale: 1" = 1000'

**WELL LOCATION: DAVIS OIL CO.-NO. 2 SOUTH ISMAY**

Located 610 feet North of the South line and 811 feet West of the East line of Section 19 Township 40 South , Range 26 East , Salt Lake base and Meridian, San Juan County, Utah.  
Existing ground elevation determined at 4979 feet based on U.S.G.S. datum.

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

*Frederick M. Reed*

FREDERICK M. REED  
Registered Land Surveyor

DAVIS OIL COMPANY Denver, Colorado	
WELL LOCATION PLAT NO. 2 SOUTH ISMAY SEC. 19, T. 40 S., R. 26 E. SAN JUAN COUNTY, UTAH	
CLARK-REED & ASSOC. Durango, Colorado	DATE: 7-1-81 FILE NO: 81043

TEN POINT PROGRAM

1) SURFACE FORMATION: Morrison

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

Morrison	surface	tite mudstone
Ismay	5512	limestone & anhydrite
Potential Pay, Lower Ismay	5570'	porous oil-bearing limestone
Potential Pay, Lower Ismay	5640'	porous oil-bearing limestone
Gothic Shale	5653'	black shale
Desert Creek	5706'	limestone & anhydrite
Akah	5842'	anyhdrite & limestone
Total Depth	5862'	

4) CASING PROGRAM:

12 1/4", 9 5/8" 36# K-55 STC(NEW) 0-1500' 500 sxs. est.  
8 3/4", 5 1/2" 15.5# K-55 STC(NEW) 0-5862' 500 sxs. est.

5) PRESSURE CONTROL EQUIPMENT: (See attached schematic diagram) BOP's and choke manifold will be installed and pressure tested before drilling out under surface casing and then will be checked daily as to mechanical operating condition. Ram type 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 rtaed working pressure. BOP's will be pressure tested at least once every 30 days.

6) MUD PROGRAM:

0-1500' spud mud  
1500-2500' treated water  
2500-5862' LSND Maximum mud weight 9.6 ppg based on offset of wells.

35-45 vis, .10 cc W.L., PH 9-10.  
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:

GR-SP-DIL; BHC Sonic- GR - all from base of surface casing to total depth.  
CNL-FDC - from 5000' to total depth.

CORING:

None Planned.

8) Continued -

TESTING:

- 2 DST's Ismay
- 1 DST Desert Creek or Akah

STIMULATION:

Ismay, Desert Creek Formation - 7500 gallons HCL each zone.

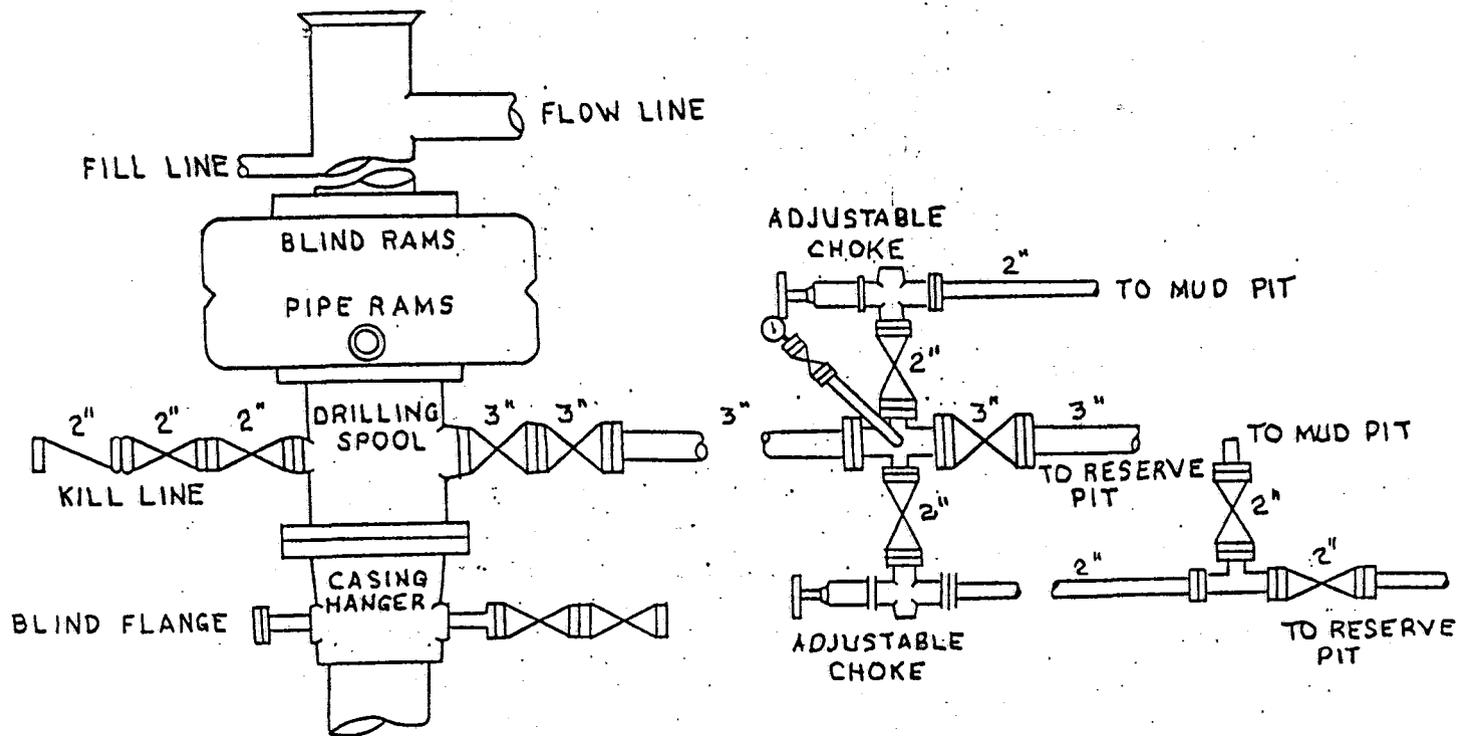
Actual volume of treatment will be dependent upon thickness of pay and evaluation of zone of interest.

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: 3000 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

V on Unit

\*\* FILE NOTATIONS \*\*

DATE: Aug. 13, 1981

OPERATOR: Davis Oil Co.

WELL NO: South Elmay #2

Location: Sec. 19 T. 40S R. 26E County: San Juan

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-037-30704

CHECKED BY:

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

Director: In Unit  
\_\_\_\_\_  
\_\_\_\_\_

Administrative Aide: ~~\_\_\_\_\_~~ Unit Well,  
ok on boundaries.  
\_\_\_\_\_  
\_\_\_\_\_

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 lns

Plotted on Map

Approval Letter Written

Hot Line

P.I.

August 14, 1981

Davis Oil Company  
410 17th St., STE. #1400  
Denver, Colo. 80202

RE: Well No. South Ismay #2,  
Sec. 19, T. 40S, R. 26E,  
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with 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 43-037-30704.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight  
Director

CBF/db  
CC: USGS

September 14, 1982

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

Gentlemen:

Enclosed is your Application for Permit to Drill (APD) well No. 2 South Ismay, SE 1/4 sec. 19, T. 40 S., R. 26 E., San Juan County, Utah, lease I-149-IND-9123. The subject APD is hereby rescinded and returned due to drilling operations not being commenced within one year of the approval date.

You are required to request surface rehabilitation instructions from this office if construction activities occurred on the referenced drill site.

Sincerely yours,



James F. Sims  
District Oil and Gas Supervisor

Enclosure

cc: BIA, Window Rock

~~AMECC~~ Division of Oil, Gas & Mining, Utah.

SCR, MS-410

Well file (rescinded)

DRO 9-1

Chronological

SMason: csh

#0520

*CSH*  
*JF Sims*

**RECEIVED**

OCT 01 1982

DIVISION OF  
OIL, GAS & MINING

LA

October 4, 1982

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

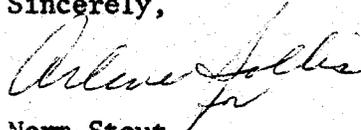
Re: Well NO. 2 South Ismay  
Sec. 19, T.40S, R.26E  
San Juan County, Utah

Gentlemen:

Approval for Application for Permit to Drill the above referenced well is rescinded as of the above date in concert with action taken by Minerals Management Service.

If you intend to drill at this location at a future date, a new application for permit to drill may be submitted for State approval.

Sincerely,



Norm Stout  
Administrative Assistant

NS/as