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# NEW MEXICO OIL CONSERVATION COMMISSION

30-045-21943

Form O-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FED <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Bob-Blanche	
2. Name of Operator S & I Oil Company		9. Well No. 1	
3. Address of Operator 413 W. Main Street, Farmington, N.M. 87401		10. Field and Pool, or Wildcat Cha Cha Gallup	
4. Location of Well UNIT LETTER <u>3 L</u> LOCATED <u>1830'</u> FEET FROM THE <u>South</u> LINE AND <u>660'</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>12</u> TWP. <u>29N</u> RGE. <u>15W</u> NMPM		12. County San Juan	
1. Elevations (Show whether DF, RT, etc.) 5176'		19. Proposed Depth 4700'	19A. Formation Gallup
21A. Kind & Status Plug. Bond Individual Well	21B. Drilling Contractor To be determined	20. Rotary or C.T. Rotary	
22. Approx. Date Work will start December 28, 1980			

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24.0	350'	350	Surface
7-7/8"	4-1/2"	10.50	4700'	300 & 350	1400'

It is proposed to drill this well with rotary tools, using water base mud as circulation medium through the Gallup formation. Possible productive intervals in the Gallup will be completed. Production casing will be cemented in such a manner to protect the Gallup and Mesa Verde formations.

### ESTIMATED FORMATION TOPS

Pictured Cliffs	300'	Point Lookout	2900'
Cliff House	1350'	Gallup	4100'
Menefee	2000'		

This W/2, SW/4, Sec. 12 is dedicated to this well.

The natural gas produced from this well is not committed.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

FOR: S & I OIL COMPANY  
ORIGINAL SIGNED BY \_\_\_\_\_ Title \_\_\_\_\_ Date December 23, 1980  
and \_\_\_\_\_  
(This space for State Use)

Original Signed by CHARLES GHOLSON

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DEC 24 1980

PROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Wold C-104 for com. 3-12-81



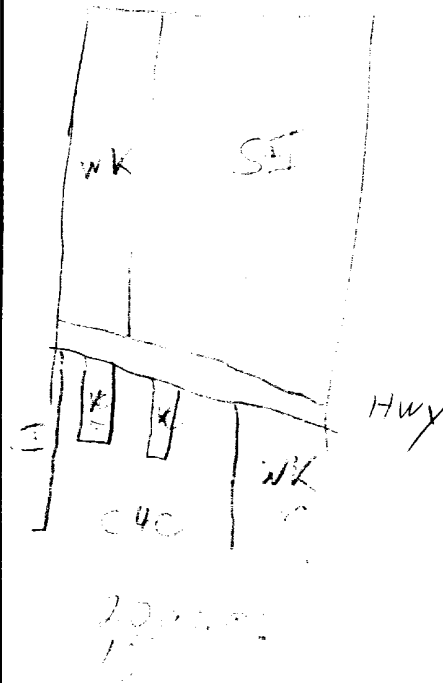
# Memo

From

Frank J. Chavez

To

Deputy Oil & Gas Inspector



K.C.  $\approx$  4 acres

Oil Conservation Division

Aztec, New Mexico

All distances must be from the outer boundaries of the Section.

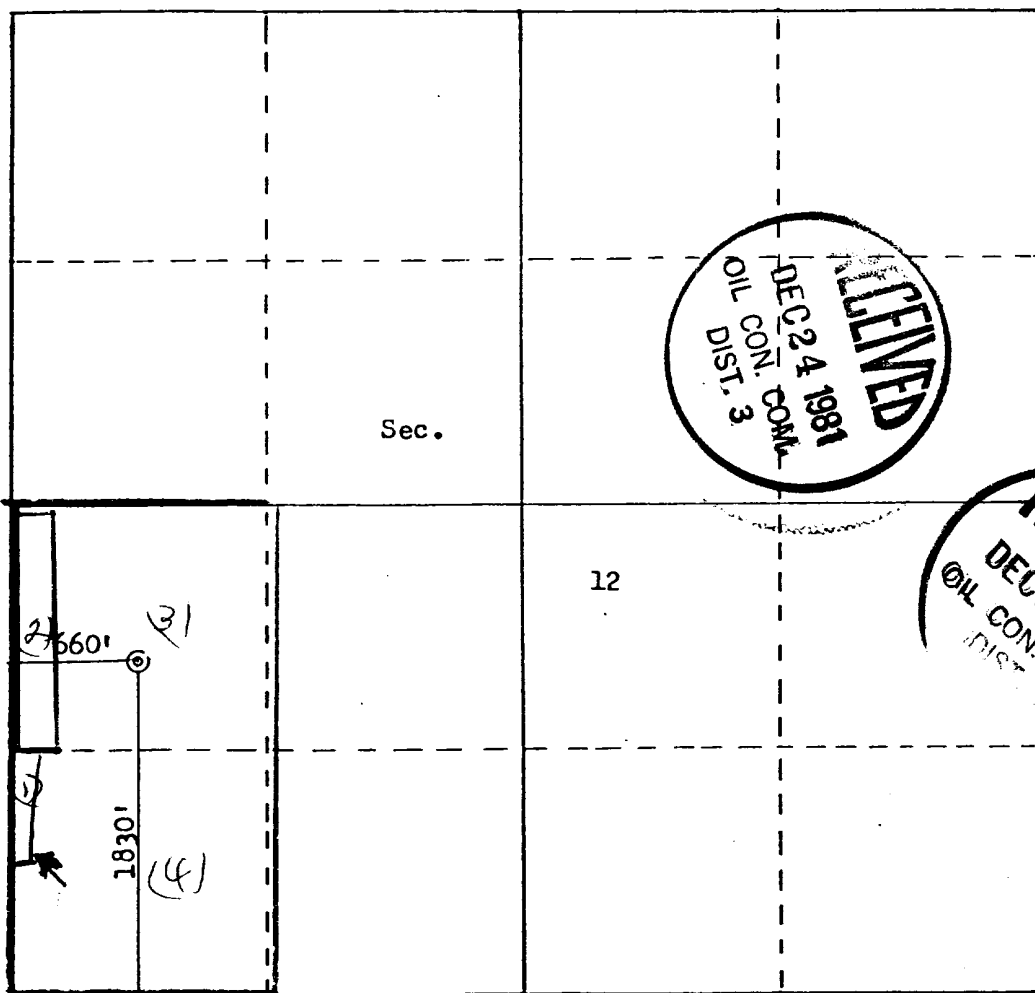
Operator <b>S &amp; I OIL COMPANY</b>			Lease <b>Bob-Blanche</b>		Well No. <b>No. 1</b>
Unit Letter <b>L</b>	Section <b>12</b>	Township <b>29N</b>	Range <b>15W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1830</b> feet from the <b>South</b> line and <b>660</b> feet from the <b>West</b> line					
Ground Level Elev: <b>5176</b>	Producing Formation <b>Gallup</b>		Pool <b>Cha Cha Gallup</b>		Dedicated Acreage: <b>80</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☒ No If answer is "yes," type of consolidation Future Communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) See attached Exhibit No. "A"

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

<b>CERTIFICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
FOR: <b>S &amp; I OIL COMPANY</b>	
ORIGINAL SIGNED BY <b>EWELL N. WALSH</b>	
Name	<b>EWELL N. WALSH, P.E.</b>
Position	<b>President</b>
Company	<b>Walsh Engineering &amp; Prod. Corp.</b>
Date	<b>December 23, 1980</b>
I further certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
Date Surveyed	<b>October 1, 1980</b>
Registered Professional Engineer and Surveyor	<b>Fred B. Kerr Jr.</b>
Certificate No.	<b>3950</b>

EXHIBIT "A"

S & I OIL COMPANY  
BOB-BLANCHE NO. 1  
1830'FSL, 660'FWL, Section 12-T29N-R15W  
San Juan County, New Mexico

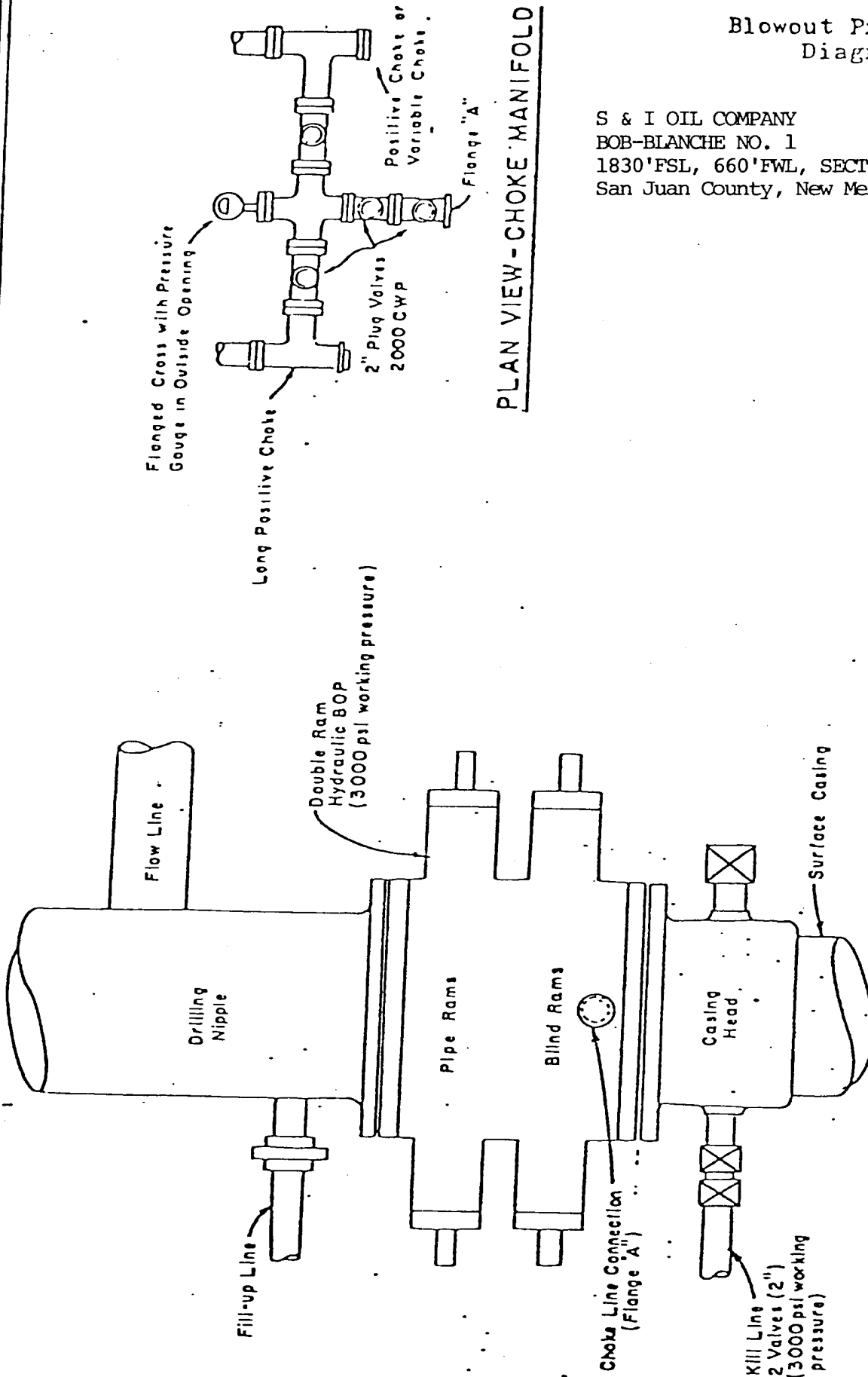
1. 1.02 acres, S & I Oil Company
2. 9 acres, Walter L. Kennedy, Jr.
3. 37 acres, S & I Oil Company
4. 32.98 acres, Caribou Four Corners, Inc.

S & I OIL COMPANY  
BOB-BLANCHE NO. 1  
1830'FSL, 660'FWL, SECTION 12-T29N-R15W  
San Juan County, New Mexico

1. Surface Casing.  
See Application for Permit to Drill.
2. Spools and Flanges
  - A. Surface Casing - 8", Series 600, 2000 psig. W.P.
  - B. Production - 8", Series 900, 3000 psig W.P.
  - C. Tubing Head - Series 900, 3000 psig W.P.
3. Intermediate Casing  
None
4. Blowout Preventers  
Production Hole - 10", 3000 psig.  
Fill, Kill and choke manifold - 5000 psig. W.P.
5. Additional Equipment (If necessary)
  - A. Kelly Cock
  - B. Bit Float
  - C. Degasser
  - D. Pit Level Indicator
  - E. Sub with valve for drill pipe
6. Anticipated Bottom Hole Pressure  
2700 psig. Current mud program is for 9.2 lb./gal. mud with hydrostatic head of 3032 psig. at 6345'. Mud weight will be increased if necessary for higher pressures.
7. Drilling Fluid  
Gel-Water

# Blowout Preventer Diagram

S & I OIL COMPANY  
BOB-BLANCHE NO. 1  
1830'FSL, 660'FWL, SECTION 12-T29N-R15W  
San Juan County, New Mexico



NEW MEXICO-SAN JUAN CO. 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY

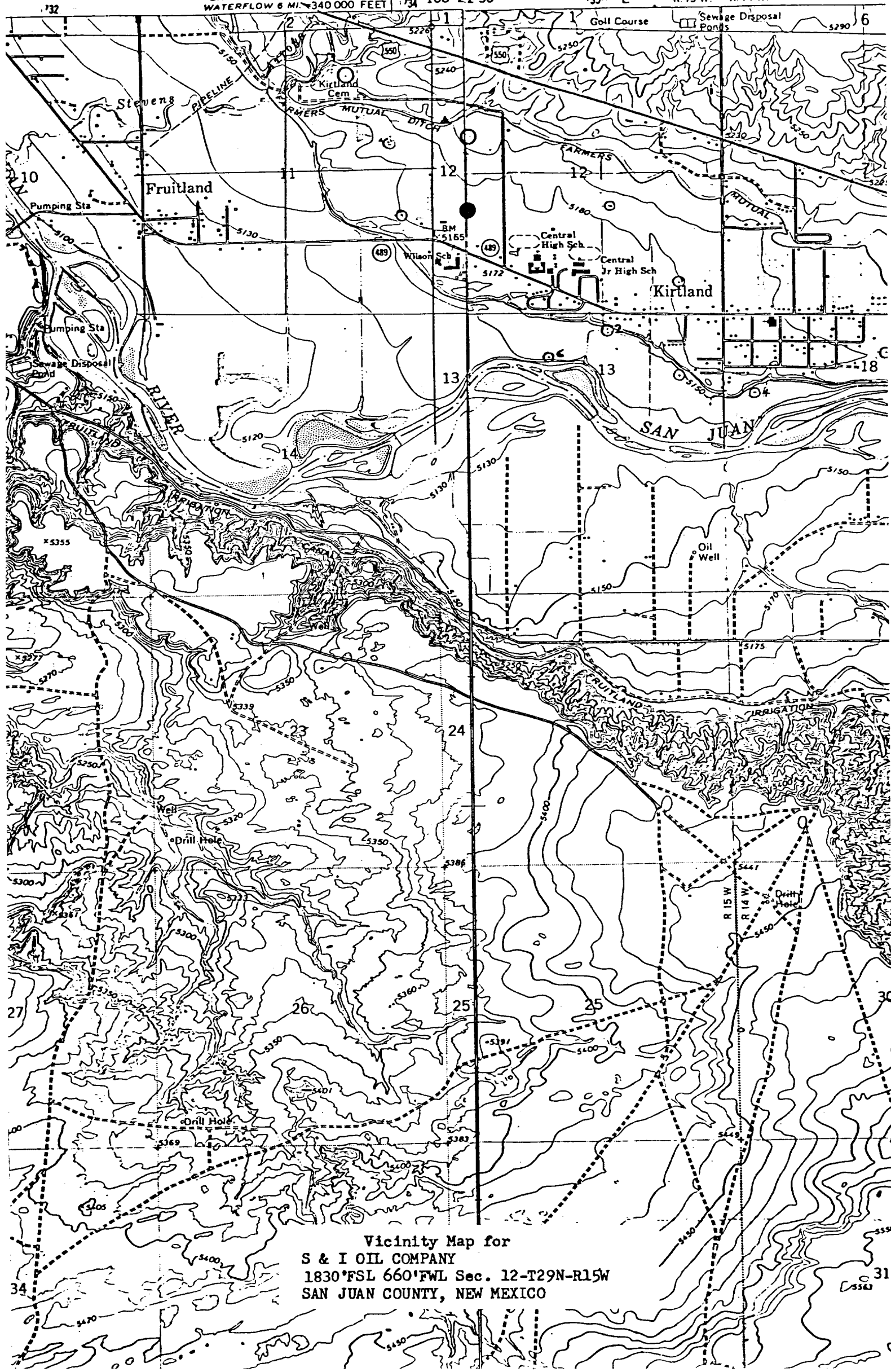
SHIPROCK 18 MI  
WATERFLOW 6 MI

340 000 FEET

108°22'30"

735000 E

R 15 W. R 14 W.



Vicinity Map for  
S & I OIL COMPANY  
1830'FSL 660'FWL Sec. 12-T29N-R15W  
SAN JUAN COUNTY, NEW MEXICO