

FILE NOTATIONS

Entered in N I D File   
 Entered On S R Sheet   
 Location Map Pinned   
 Card Indexed   
 I W R for State or Fee Land

Checked by Chief RLS  
 Copy N I D to Field Office   
 Approval Letter   
 Disapproval Letter

COMPLETION DATA:

Date Well Completed 2-24-61  
 OW  WW \_\_\_\_\_ TA \_\_\_\_\_  
 GW \_\_\_\_\_ OS \_\_\_\_\_ PA \_\_\_\_\_

Location Inspected \_\_\_\_\_  
 Bond released \_\_\_\_\_  
 State of Fee Land \_\_\_\_\_

LOGS FILED

Driller's Log 3-27-61  
 Electric Logs (No. ) 3

E  I  E-I \_\_\_\_\_ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro \_\_\_\_\_  
 Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic  Others Radioactivity Log

1-1-69  
 Lease & well sold to Bob Wright Contract  
 Converted to SWD = 2-10-82

(SUBMIT IN TRIPLICATE)

Indian Agency \_\_\_\_\_

Budget Bureau No. 42-R359.4  
Approval expires 12-31-60.

*Copy to HC*  
*RHS*

*		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Navajo Tribe

Lease No. 11-20-603-286

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo 5 San Juan

January 9, 1961

Well No. 1 is located 1980 ft. from N line and 660 ft. from W line of sec. 18

SW/4 NW/4  
(¼ Sec. and Sec. No.)

438  
(Twp.)

25E  
(Range)

Salt Lake  
(Meridian)

Unnamed  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

Surface

The elevation of the ~~center of~~ Surface above sea level is 5095 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The above location has been selected to test the Barker Creek formation to a total depth of 6200 feet.

We will run and cement (from top to bottom) 10-3/4" OD casing at approximately 500 feet as surface pipe; we will run and cement 5 1/2" OD or 7" OD casing as the oil string.

We will drill this well with rotary tools.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Sinclair Oil & Gas Company

Address 601 Denver Club Building

Denver 2, Colorado

By F. P. [Signature]

Title Asst. Supt. Div. Prod.

COMPANY SINCLAIR OIL & GAS COMPANY

Well Name & No. \_\_\_\_\_ Lease No. \_\_\_\_\_

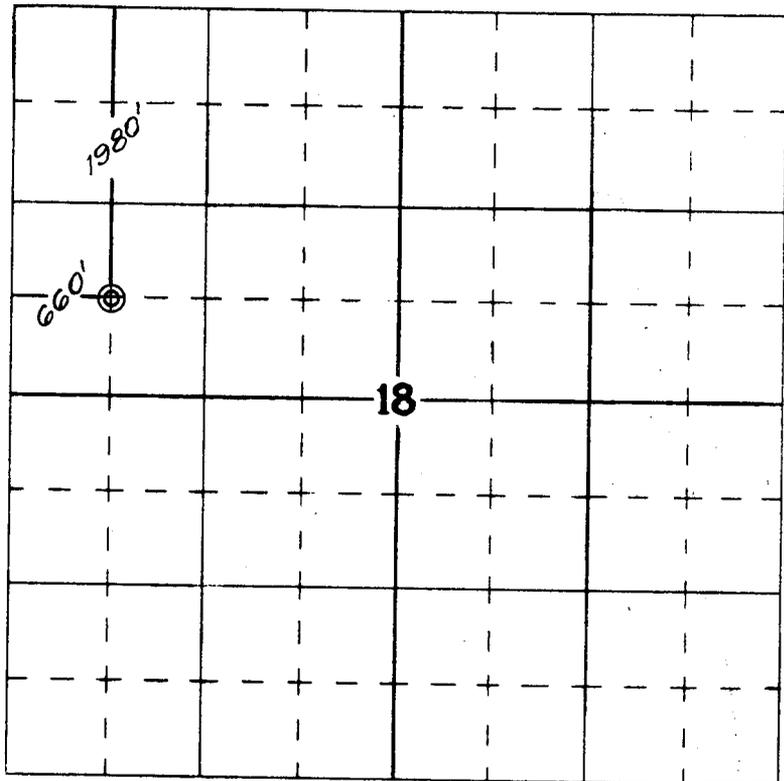
Location 1980 feet from North line, 660 feet from West line.

Being in S.W. 1/4 - N. W. 1/4

Sec. 18, T43 S., R 25 E., S. L. M.

Ground Elevation 5095

San Juan County, Utah.



Scale -- 4 inches equals 1 mile

Surveyed January 5, \_\_\_\_\_, 19 61

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



Ernest V. Echohawk  
Farmingington, New Mexico

*E. V. Echohawk*

Ernest V. Echohawk  
Registered Land Surveyor  
N. M. Reg. #1545

Practicing in Utah regulating  
Professional Engr. and Land  
Surveyors, Utah Code 1953  
Title 58-10-16

16

January 11, 1961

Sinclair Oil & Gas Co.  
601 Denver Club Bldg.  
Denver 2, Colorado

Attention: F. P. Haskin, Asst. Supt. Div. Prod.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo 5 San Juan 1, which is to be located 1980 feet from the north line and 660 feet from the west line of Section 13, Township 45 South, Range 25 East, S1EM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. PEIGHT,  
EXECUTIVE SECRETARY

CBF:awg

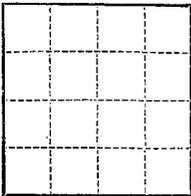
cc: P. T. McGrath, Dist. Eng.  
U. S. Geological Survey

H. L. Coonts - OCCC, Moab

14

(SUBMIT IN TRIPLICATE)

Indian Agency \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Navajo Tribe

Lease No. 14-20-603-286

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		<b>Subsequent Report - Cementing CasingXX</b>	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo 5 San Juan

January 26, 1961

Well No. 1 is located 1930 ft. from N line and 660 ft. from W line of sec. 18

SW/4 NW/4 Sec. 18  
(1/4 Sec. and Sec. No.)

43S  
(Twp.)

25E  
(Range)

Salt Lake  
(Meridian)

Unnamed  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the ~~444/444~~ <sup>Surface</sup> above sea level is 5095 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

- 1-21-61 Spud 7:00 P.M.
- 1-24-61 At depth 510 ft., ran & cemented 10-3/4"OD casing at 504 ft. with 400 sacks cement. Plug Down 2:00 P.M. 1-23-61. Cement circulated and tested O.K.
- 1-26-61 At depth of 1230 ft. Fishing for stuck Drill Pipe.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Sinclair Oil & Gas Company

Address 601 Denver Club Building

Denver 2, Colorado

By Frank [Signature]

Title Asst. Supt. Div. Prod.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ALLOTTEE Navajo  
TRIBE Navajo  
LEASE NO. 14-20-603-286

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State UTAH County SAN JUAN Field Unnamed

The following is a correct report of operations and production (including drilling and producing wells) for the month of JANUARY, 1961, Navajo 5 San Juan

Agent's address 601 Denver Club Building Company Sinclair Oil & Gas Company  
Denver 2, Colorado Signed [Signature]

Phone Aberst 6-2461 Agent's title Division Chief Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	Production Department BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>SW/4 NW/4 Sec. 18</u>	<u>43S</u>	<u>25E</u>	<u>1</u>							<u>Commenced Drilling 7:00 P.M. 1-21-61 Drilling at 2930' 1-31-61.</u>

NOTE.—There were None runs or sales of oil; None M. cu. ft. of gas sold; None runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.





(SHOW ALL MEASUREMENTS FROM SURFACE LEVEL)

TOTAL DEPTH	FORMATION	TOTAL DEPTH	FORMATION
<b>LITHOLOGY:</b>			
Surface			Harrison sh
	000-510		No samples
	510-524		Ss, or-red, silty.
Jurassic Navajo	524-780		Ss, orange, v f gr, fri.
Jurassic Kayenta	780-840		Ss, orange-red, f gr, fri w/sh stgrs.
Jurassic Wingate	840-1472		Ss, orange, v f-m gr, silty, some calc.
Triassic Chinle	1472-1840		Silts., red-brn w/l streaks.
Triassic Pet. Forest	1840-2493		Sh, purp, grn, gy, brn.
Permian DeChelly	2493-2765		Ss, white & orange, w/interbedded sh.
Permian Organ Rock	2765-4347		Silts, red-orange; sh, gy, brn w/ls & anhyd inclus.
Penn. Hermosa	4347-5147		Interbedded gy ls & dk gy & brn sh.
Ismy Zone	5147-5433		Interbedded gy & sh ls & blk sh.
<b>CORING RECORD</b>			
Core #1: 5175-5227, Rec. 52';			
2' sh;			
4' ls, tr f & s along frac;			
12' ls, gry, shaley, tite, NS;			
1' sh, calc;			
7' ls, lt gry, SDF on frac (5196 & 97);			
5' ls, styl, tite, frac w/SDF @ 5206 & 07;			
2' ls, foss, med xln w/vert frac, SDF on frac;			
10' ls, gry, tite, NS;			
4' ls, shaley, tite, NS;			
5' ls, gry, foss, tite, NS.			
Core #2: 5290-5321, Rec 27', core bbl. jammed:			
1' calcarenite, NS;			
1' sh, calc;			
2' ls, med xln, NS;			
3' ls, vug por, SDF;			
1' ls, shaley;			
1' ls, gry, foss, NS;			
5' ls, fus, tite, NS; except SDF on frac 5302-3;			
5' ls, excellent vug por (pencil size) SDF;			
6' ls, med xln, foss ppt small vug por, SDF;			
1' ls, vug por, SDF;			
4' lost (assumed from drlg time);			
1' ls, lt gry, dense, NS;			
Core #3: 5324-44, Rec. 20';			
2' ls, gry, fn xln, tite, al seat stain;			
5' ls, gry, med to crse xln, fair to good vug por, SDF;			
3' ls, med xln, tite, NS;			
3' ls, gry, fn xln, ppt inter-xln por, SDF;			
7' ls, gry, fa to med xln, tite, NS.			
<b>DATES</b>			
2-24-61. The production for the 1st 24 hours was 1032 bbls. of fluid of which 99.7% was oil and .3% was Basic Sediment.			
<b>EMPLOYEES</b>			
T. D. Harwell		Driller	
B. Watkins		Driller	
J. C. Brown		Driller	
Mess Drillers		Drilling Contractors	
LEASE NO. 14-20-603-226			
PERMIT DATED 1-17-61			
FIELD: - Anido Creek			
9			
SINGLAI OIL & GAS COMPANY 601 DENVER CLUB BUILDING DENVER 2, COLORADO			

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ALLOTTEE Navajo  
TRIBE Navajo  
LEASE NO. 11-20-603-286

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State UTAH County SAN JUAN Field ANIDO CREEK

The following is a correct report of operations and production (including drilling and producing wells) for the month of FEBRUARY, 1961, Navajo 5 San Juan

Agent's address 601 Denver Club Building Company Sinclair Oil & Gas Company  
Denver 2, Colorado Signed G. W. Newport

Phone AM 6-2160 Agent's title Division Chief Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW/4 NW/4 Sec. 18	43S	25E	1	6	3,509	42.5	2,632	0	0	Completed 2-24-61, through 15m perf. 5308-23 ft. Flowed @ rate of 30 BOPH on 29/64" choke.

NOTE.—There were 1,512.81 runs or sales of oil; 0 M. cu. ft. of gas sold;

0 runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

(SUBMIT IN TRIPLICATE)

Indian Agency \_\_\_\_\_


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Navajo Tribe

Lease No. 14-20-603-286

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		<b>SUBSEQUENT REPORT OF COMPLETION</b>	<b>XX</b>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

NAVAJO 5 SAN JUAN

February 27, 19 61

Well No. 1 is located 1980 ft. from N line and 660 ft. from W line of sec. 18

SW/4 NW/4 Sec. 18      43S      25E      Salt Lake  
(¼ Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)

Arido Creek      San Juan      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the ~~1111/1661~~ <sup>Surface</sup> above sea level is 5095 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

- 2-22-61 Ran logs and perforated 5308-5323 ft., with 4 jet shots per foot.
- 2-24-61 COMPLETED OIL WELL. Flowed 120 bbls. oil 7 hrs. Circulated hole & treated Ismay perforations 5308-23 with 250 gals. MCA., 7½% BF @ 2475# @ 1/3 BPM, Max. 1900# @ 1/2 BPM, broke to 500 @ 1/2 BPM. SD @ 0#. Swb & flowed 126 bbls. load fluid 3½ hrs. Flowed 129 BO 3 hrs., for calculated potential of 1032 BFD. CP vac, TP 125#, 3/4" choke, gravity 40.4. Will produce @ rate of 500 BOPD. Presently flowing at rate of 30 bbls. oil per hour on 29/64" choke.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Sinclair Oil & Gas Company

Address 601 Denver Club Building

Denver 2, Colorado

By R. W. Newport  
R. W. Newport  
Title Division Chief Clerk - Production Department.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
Drawer 1857  
Roswell, New Mexico

March 31, 1961

**Sinclair Oil and Gas Company  
Denver Club Building  
Denver 2, Colorado**

**Attention: Mr. C. W. Horstmeier**

**Gentlemen:**

Your letter of March 17 requests authorization to flare the surplus gas produced from your well No. 1 in the SW $\frac{1}{4}$  sec. 16, T. 32-S., R. 25 E., S.L.M., San Juan County, Utah, Navajo tribal lease No. 14-20-603-286. 435

The nearest gathering line to the well is approximately eight miles distant, and El Paso Natural Gas Company, which purchases gas in the general area, has no present plans for constructing a gathering line to the area.

You are hereby authorized to flare the gas produced from well No. 1 and other oil wells that may hereafter be completed on lease No. 14-20-603-286 until such time as changed conditions may, in our opinion, warrant modification of this authorization.

Your letter also requests permission to conduct trucking operations on the above lease between the hours of 7:00 P.M. and 7:00 A.M..

Since the oil is purchased by the buyer at the lease tanks, rule (1) of our letter of February 16, 1961, does not apply.

Very truly yours,

(Orig. Sgd.) JOHN A. ANDERSON  
Regional Oil and Gas Supervisor

**JOHN A. ANDERSON  
Regional Oil and Gas Supervisor**

**Copy to: Supt., Nav. Ag. Window Rock, Ariz.  
Utah Oil Cons. Comm., Salt Lake City**

7

R.D. ✓

# SINCLAIR OIL & GAS COMPANY

DENVER CLUB BUILDING

## DENVER 2, COLORADO



C. W. HORSTMEIER  
VICE-PRES. & DIVISION MANAGER

April 7, 1961

DICK T. FENWICK  
ASSISTANT DIVISION MANAGER

J. W. JACKSON  
DIVISION EXPLORATION SUPT.

G. L. WEGER  
DIVISION PRODUCTION SUPT.

The State of Utah  
Oil & Gas Conservation Commission  
310 Newhouse Building  
10 Exchange Place  
Salt Lake City 11, Utah

Well File

Re: Navajo 5 San Juan Well No. 1  
18-13S-25E  
San Jan County, Utah  
Navajo Tribe 14-20-603-286

Gentlemen:

Pursuant to Rule C-19, Gas-Oil Ratio Test, a test was made on the above-captioned well March 20, 1961, with the following results.

Length of test	24 hrs
Oil production	552 bbls
Water production	trace
Gas production	331 MCF
Gas-oil ratio	599
Choke size	3/4 "
Tubing pressure	135 #
Casing pressure	725 #

Yours very truly,

*G. L. Weger*

GLW:rwn

cc: United States Geological Survey  
Mr. C. W. Horstmeier  
Mr. H. F. Defenbaugh

N 6

(SUBMIT IN TRIPLICATE)

Indian Agency \_\_\_\_\_

off	
Sec. 18	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Navajo Tribe  
Lease No. 11-22-423-285

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

NAVAJO 5 SAN JUAN \_\_\_\_\_ June 21, \_\_\_\_\_, 1962

Well No. 2 is located 1900 ft. from N line and 660 ft. from W line of sec. 18  
W/4 Sec. 18 18 South 25 East Salt Lake  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Arido Creek San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ Surface above sea level is 5095 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Production from this well has declined from approximately 60 bbl oil per day during January 1962 to approximately 15 bbl oil and 10 bbl water per day at this time. It is proposed to acidize many perforations 508-523' with 1,500 gal reg. acid with inhibitor, and put well to pumping.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Sinclair Oil & Gas Company  
 Address 601 Denver Club Building  
Denver 2, Colorado  
 By M. E. Brown  
 Title Div'n. Clerk

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

6. ~~11-20-603-286~~  
INDIAN, ALIEN, OR TRIBE NAME

Navajo Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo 5 San Juan

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Arido Creek  
11. SEC., T., R., OR BLK. AND  
SURVEY OR AREA

Section 18-438-25E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

Sinclair Oil & Gas Company

3. ADDRESS OF OPERATOR

501 Lincoln Tower Building, 1860 Lincoln St., Denver, Colorado

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

3 1/2 NW - 1980' f/North line & 660' f/West line Sec. 18-438-25E

14. PERMIT NO.

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

5095' G.L.

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

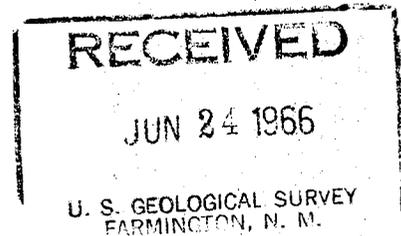
ALTERING CASING

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.)\*

Production from this well has declined to approximately 12 BO and 1 1/2 BWPD from Ismay perforations 5308-5323'. It is proposed to acidize these perms with 2000 gallons CRA acid and return well to pumping.



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

SIGNED

*M. E. Brown*

TITLE

Chief Office Clerk

DATE

June 23, 1966

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THIS STATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-286

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo 5 San Juan

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Anido Creek

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

Sec. 18-43S-25E

1.

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

Sinclair Oil & Gas Company

3. ADDRESS OF OPERATOR

501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203

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

See also space 17 below.)  
At surface

SW NW - 1980' f/North line and 660' f/West line Sec.18-43S-25E

14. PERMIT NO.

Mr. R.B.Kbahl, 6/24/66

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

5095' G.L.

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:

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.)\*

6/28/66

MI & RU service unit. Pulled rods & tubing. Ran tb g w/ pkr set @ 5264'.

Acidized Ismay perms 5308-23' w/ 2000 gal CRA acid. No press. SD overnight.

6/29/66

Swabbed 16 BLAW in 8 hrs, all show oil.

6/30/66

Pulled tb g & pkr. Started running tubing & rods.

7/1/66

Ran tb g, rods & pump, put on pump

7/2/66

Pumping all water.

7/3/66

Pumped 32 BO & 40 BW in 24 hrs.

7/4/66

Pumped 33 BO & 40 BW in 24 hrs.

7/5/66

Pumped 34 BO & 42 BW in 24 hrs f/ Ismay perms 5308-23'.

WORKOVER COMPLETED 7/5/66.

2cc: Utah Oil & Gas Cons. Comm

2cc: Skelly Oil Co.

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

SIGNED

M. E. Brown

TITLE

Chief Office Clerk

DATE

7/7/66

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved,  
Budget Bureau No. 42-R356.5.

Office Navajo  
File Number 14-20-603-286  
Navajo

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Aniño Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1968, NAVAJO 5 SAN JUAN

Agent's address 501 Lincoln Tower Building Company Sinclair Oil Corporation  
Denver, Colorado 80203 Signed N. E. Brown

Phone 266-2460 Agent's title Chief Office Clerk

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 (In thousands)	REMARKS (If drilling, depth, if shut down, cause, date and result of test for gasoline content of gas)
SW NW Sec. 18	43S	25E	1	31	142	39			426	
<p>Lease &amp; well sold effective 7: am 1-1-69, to <del>Bob Wright's Contract Pumping &amp; Service Co</del> PO Box 1196 Cortez, Colorado</p> <p>Subsequent reports to be filed by purchaser</p>										

NOTE.—There were 223 runs or sales of oil; None M cu. ft. of gas sold;  
None runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

**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 Salt water Disposal

2. NAME OF OPERATOR  
Santana Exploration, Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 52947, Lafayette, LA 70505

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1980'FNL, 660'FWL of Sec 18  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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\*

SUBSEQUENT REPORT OF:

(other)

5. LEASE 14-20-603-286	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Navajo	
9. WELL NO. 5-1	
10. FIELD OR WILDCAT NAME Anido Creek✓	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 18, T43S, R25E	
12. COUNTY OR PARISH	13. STATE
San Juan	Utah
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 5106 KB	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

2/12/82 1. Cleaned out well. See Workover Procedure attached. Item A.  
a. Run Homco wire line inside tubing with string shot and backed tubing off at 5245'. T. O. H. laying tubing down.  
b. 2/13/82 Picked up work string (2 7/8" tubing) with fishing tools and started washing over fish.  
c. 2/22/82 Recovered all junk from well.  
d. 2/23/82 T. I. H. with tubing and casing scraper. Tagged bottom at 5385'. T. O. H. laying down work string.  
2/24/82 Dug out cellar with backhoe. Surface pipe collapsed and split from bottom of well head to top of cement in bottom of cellar. Cut 10 3/4 casing off at top of cement. (over)

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

P. O. Box 1689, Cortez, CO 81321

SIGNED George Milligan TITLE Consultant DATE 11-29-82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL IF ANY.

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 Salt Water Disposal

2. NAME OF OPERATOR  
Santana Exploration, Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 52947, Lafayette, LA 70505

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1980' FNL, 660' FWL of Sec 18  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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 checked="" 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)	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE <u>14-20-603-286</u>
6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>Navajo</u>
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME <u>Navajo</u>
9. WELL NO. <u>5-1</u>
10. FIELD OR WILDCAT NAME <u>Anido Creek</u>
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec 18, T43S, R25E</u>
12. COUNTY OR PARISH   13. STATE <u>San Juan   Utah</u>
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD) <u>5106 KB</u>

(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.)\*

2/26/82 Perforated Lower Ismay at 5302-08 with 4 shots/ft with 4" casing guns. 24 charges. 5330-34 with 4 shots/ft with 4" casing guns. 16 charges. See Items (A) (B) (C).

2/27/82 T.I.H. with tubing with Baker 47B (7") A4 Lokset Retrievable casing packer. Packer would not set. T. O. H. with tubing and packer.

3/3/82 T. I. H. with Baker Model 47B (7") A3 Lokset Retrievable packer. Flushed Annulus with fresh water with oxygen scavenger. Set packer at 5230.

A. Acidize with 1000 gal 15% acid. Flushed with 330 Bbls salt water. Max PSI 1800, Rate 2 2/3 BPM. 1000 PSI, Rate 1 1/2 BPM. 600 PSI, Rate 1 1/4 BPM. Shut down vac 1/2 min.

Hook up disposal line and put on production.  
Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

P. O. Box 1689, Cortez, CO 81321

SIGNED George M. Moran TITLE Consultant DATE 11-29-82

(This space for Federal or State office use)

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

WORKOVER PROCEDURE

WELL: <sup>SINCLAIR</sup> SINCLAIR - 1 - NAVAJO - 5  
LOCATION: SECTION 18, T-43-S, R-25E (1980' FNL & 660' FWL)  
FIELD: ANIDO CREEK, SAN JUAN COUNTY, UTAH

7" ~~5-1/2"~~ Casing set at (no record).  
2-7/8" Tubing (No apparent Packer) at (No record).  
Elevation 5106 DF depths from Zero - 5095' G.L. // KB  
Perforations - Ismay 5308' to 5324'.  
Total Depth 5423', plug back depth: 5380'.

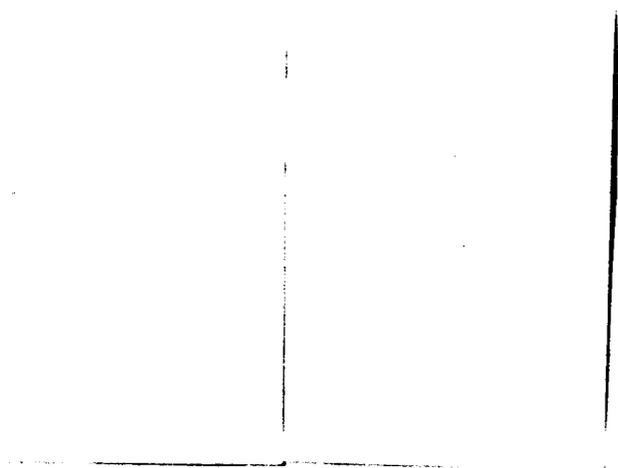
Well has been utilized for water disposal into the Ismay both down the tubing and the annulus. On 12/16/81 Dowell attempted to pump into the tubing and annulus and was unsuccessful at 1000 PSI. On 12/17/81 an attempt to pull the tubing was unsuccessful up to 90,000 lbs. total pull. On 12/23/81 a 1-1/2" Polish Rod was run to 5300'. Well is presently closed in.

OBJECT OF WORKOVER: To clean out thru tubing to 5350'. Pull tubing, clean out, perforate additional Ismay Zone and convert to water input into the Ismay Zone(s).

PROCEDURE:

1. Run wash pipe, clean out inside 2-7/8" tubing to 5350' using reverse circulation.
2. Attempt to circulate 2-7/8" X <sup>7"</sup>5-1/2" annulus (Max pressure 2000 PSI).
  - A. If able to circulate - circulate clean and pull tubing. Proceed to Step 3.
  - B. If unable to circulate:
    1. Remove tubing head bonnet as necessary.
    2. Run free point, make back off and wash <sup>7"</sup>5-1/2" X 2-7/8" annulus until clean.
    3. Repeat back off and washout until tubing is recovered.

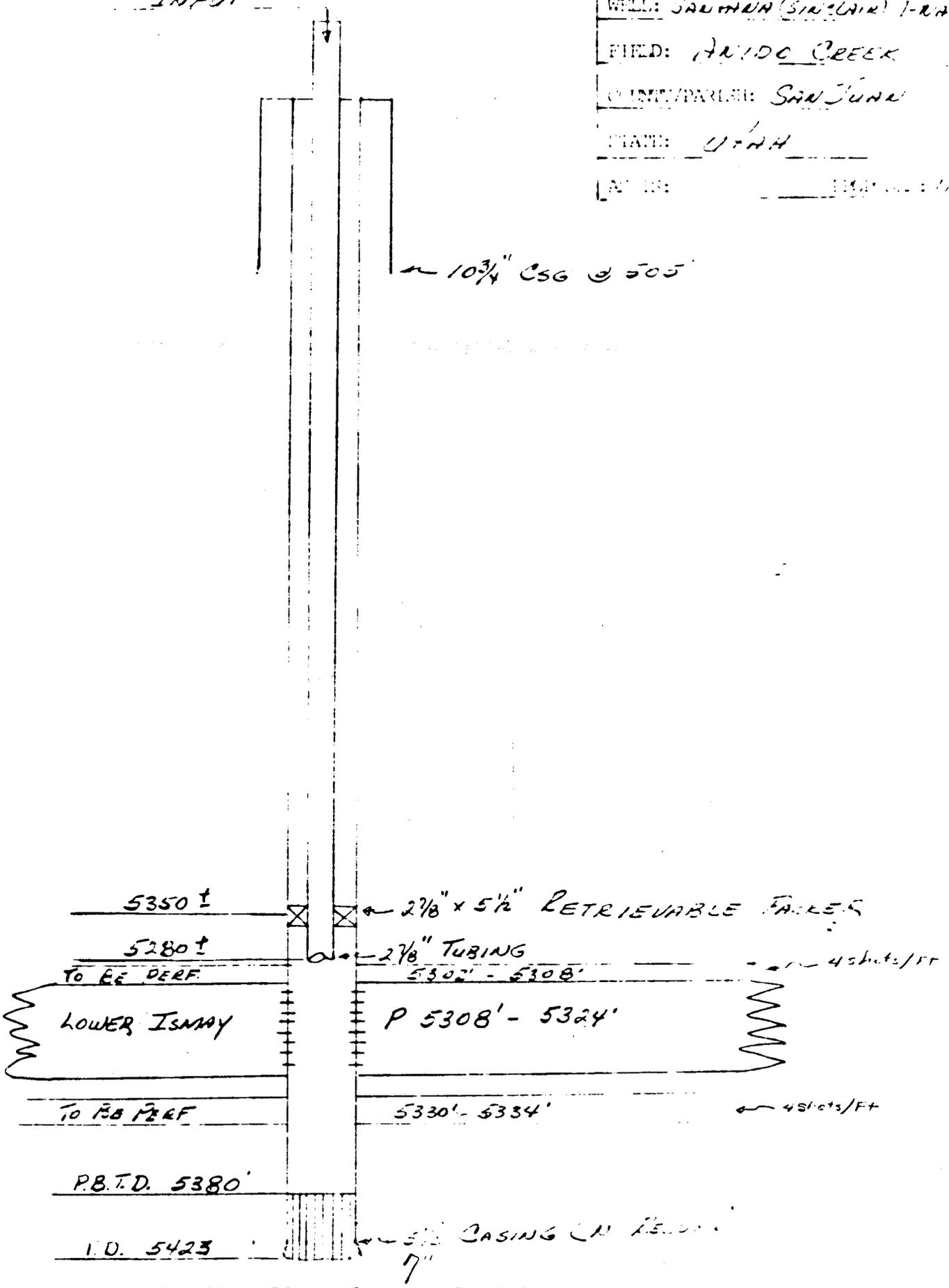
3. Run Casing scraper with 1 joint tubing tail pipe below scraper. Clean out to 5350+. Circulate clean.
4. Run correlation log and perforate Ismay 5302 - 5308 and 5330 - 5334.
5. Run tubing with packer set at 5250'.
6. Check injection capability with rig pump. @ 1000 Psi
7. Stimulate as necessary.
8. Hook up for water disposal.



Item (8)

INPUT

WELL: SANITANA (SINCLAIR) 1-NAVAJO 5  
 FIELD: ANUDO CREEK  
 COUNTY/PARISH: SAN JUAN  
 STATE: UTAH  
 ACRES: 1.2/100



10 3/4" CSG @ 505'

5350'

2 7/8" x 5 1/2" RETRIEVABLE PACKER

5280'

TO EE PERF

2 7/8" TUBING

5302' - 5308'

4 slots/ft

LOWER ISMAY

P 5308' - 5324'

TO FB PERF

5330' - 5334'

4 slots/ft

P.B.T.D. 5380'

I.D. 5423

5 1/2" CASING (N 15.000)  
7"

WELL: 1 NAVAJO 5

2 Item (C)

BAKER SERVICE TOOLS - TALLY PAD

New Completion  Workover

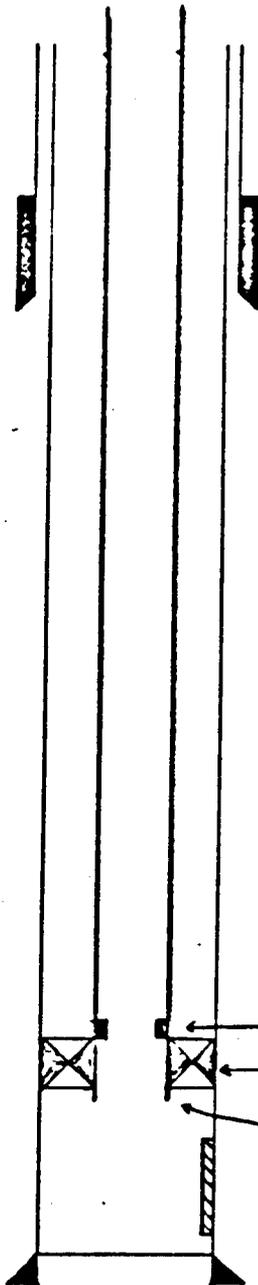
3-5-82 DRAWING

Systana Exploration Inc.

Oil Company Systana Exploration Inc. Well No. 5-1 Field Anido Creek Lease NAPO

Company Man Millican Date Drilled \_\_\_\_\_ County Salt Lake State UTAH

Tubing Landed 8' Below 11' KS w/ 20,000' Pulled ON Tubing + Packer



165 J + 2 7/8 EUE 8RD 6.5 JSS Tubing  
Inspected By OTI

5218 1/2

2 7/8 EUE Box + Pin Reg Seating Nipple I.D. 2.28 .90  
BAKER 47B (7') A-3 Lokset Retractable Packer 2 7/8 EUE  
I.D. 2.375 Box + Pin 3.00  
Bottom off packer set @ 5230 3/4  
PERFS 5304 - 5334 See Item B

PBTD 5381 Tubing Tally

REMARKS: \_\_\_\_\_

Date of Tally \_\_\_\_\_

- Note -

SURFACE CASING WAS ROTTED + split From  
Cement in Bottom of Cellar to Bottom  
of 7" CASING Hanger. Repaired As  
shown Below.

"Reactor Well Head"  
Tubing Hanger Type R,  
7" O.D. 8RD FM X 2 3/8" NOM. 6"

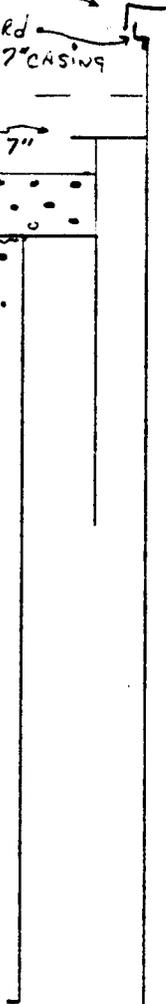
2" Ball Nipple w/ 8rd  
Threads welded to 7" CASING

Ground Level

Plate welded to Top of 8 5/8" CASING +  
Around 7" CASING w/ 10,000# Pulled up on 7"

3/8" X 2" square Plate welded to 8 5/8" CASING  
+ 10 3/4" CASING.

Surface Pipe cement in  
Bottom of Cellar.



D Item (B)

WELL: SANTANA-NAVASO 5-1

FIELD: Anido Creek

COUNTY: SAN JUAN

STATE: UTAH

AS IS: 2/25/82 PROPOSED:

Ground Level

2" Ball Valve 2000# wop w/ 2" nipple welded  
to 8 5/8" CASING  
3 1/2" concrete Poured in  
Cellar on Top of Plate  
+ Around 8 5/8" CASING

8 5/8" CASING 12' INSIDE 10 3/4" CASING

10 3/4" CASING @ 505'

7" CASING

CLEAN OUT T.D. 5381' 2-26-82

7" CASING SET @ 5432' w/ 325 SHS  
From Sunday Notice Filed Feb 21-61

TD 5433

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 Salt water Disposal

2. NAME OF OPERATOR  
Santana Exploration, Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 52947, Lafayette, LA 70505

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1980'FNL, 660'FWL of Sec 18  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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

REQUEST FOR APPROVAL TO:

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

SUBSEQUENT REPORT OF:

5. LEASE 14-20-603-286	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Navajo	
9. WELL NO. 5-1	
10. FIELD OR WILDCAT NAME Anido Creek	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 18, T43S, R25E	
12. COUNTY OR PARISH San Juan	13. STATE Utah
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 5106 KB	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

2/12/82 1. Cleaned out well. See Workover Procedure attached. Item A.  
a. Run Homco wire line inside tubing with string shot and backed tubing off at 5245'. T. O. H. laying tubing down.  
b. 2/13/82 Picked up work string (2 7/8" tubing) with fishing tools and started washing over fish.  
c. 2/22/82 Recovered all junk from well.  
d. 2/23/82 T. I. H. with tubing and casing scraper. Tagged bottom at 5385'. T. O. H. laying down work string.  
2/24/82 Dug out cellar with backhoe. Surface pipe collapsed and split from bottom of well head to top of cement in bottom of cellar. Cut 10 3/4 casing off at top of cement. (over)

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

P. O. Box 1689, Cortez, CO 81321

SIGNED George Pullman TITLE Consultant DATE 11-29-82

(This space for Federal or State office use)

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

API# 43-037-15921

## WORKOVER PROCEDURE

WELL: <sup>SINCLAIR</sup> SINCLAIR - 1 - NAVAJO - 5  
 LOCATION: SECTION 18, T-43-S, R-25E (1980' FNL & 660' FWL)  
 FIELD: ANIDO CREEK, SAN JUAN COUNTY, UTAH

7" 5-1/2" Casing set at (no record).  
 2-7/8" Tubing (No apparent Packer) at (No record).  
 Elevation 5106 DF depths from Zero - 5095' G.L. // KB  
 Perforations - Ismay 5308' to 5324'.  
 Total Depth 5423', plug back depth: 5380'.

Well has been utilized for water disposal into the Ismay both down the tubing and the annulus. On 12/16/81 Dowell attempted to pump into the tubing and annulus and was unsuccessful at 1000 PSI. On 12/17/81 an attempt to pull the tubing was unsuccessful up to 90,000 lbs. total pull. On 12/23/81 a 1-1/2" Polish Rod was run to 5300'. Well is presently closed in.

OBJECT OF WORKOVER: To clean out thru tubing to 5350'. Pull tubing, clean out, perforate additional Ismay Zone and convert to water input into the Ismay Zone(s).

PROCEDURE:

1. Run wash pipe, clean out inside 2-7/8" tubing to 5350' using reverse circulation.
2. Attempt to circulate 2-7/8" X <sup>7"</sup>5-1/2" annulus (Max pressure 2000 PSI).
  - A. If able to circulate - circulate clean and pull tubing. Proceed to Step 3.
  - B. If unable to circulate:
    1. Remove tubing head bonnet as necessary.
    2. Run free point, make back off and wash <sup>7"</sup>5-1/2" X 2-7/8" annulus until clean.
    3. Repeat back off and washout until tubing is recovered.

- Note -

SURFACE CASING WAS ROTTED + split From Cement IN Bottom OF CELLAR TO Bottom OF 7" CASING HANGER. Repaired As shown Below.

② Item (B)

---

WELL: SANTANA-NAVASO 5-1

---

FIELD: Anido Creek

---

COUNTY: SAN JUAN

---

STATE: UTAH

---

AS IS: 2/25/82 PROPOSED:

"Reactor well Head"  
Tubing HANGER Type R,  
7" O.D. 8 Rd Fm x 2 1/2 Nom. 6"

2" Ball nipple w/ 8 Rd  
Threads welded to 7" casing

Ground Level

Plate welded to Top of 8 5/8" casing +  
Around 7" casing w/ 10,000 lbs Pulled up on 7"

3/8" x 2" square plate welded to 8 5/8" casing  
+ 10 3/4" casing.

SURFACE PIPE cement IN  
Bottom of CELLAR.

Ground Level

2" Ball Valve 2000 lbs wop w/ 2" nipple welded  
to 8 5/8" casing

3 1/2" concrete Poured in  
cellar on top of plate  
+ Around 8 5/8" casing

8 5/8" casing 12' inside 10 3/4" casing

10 3/4" casing @ 505'

← 7" casing

CLEAN OUT T.D. 5381' 2-26-82

7" casing set @ 5432' w/ 325 SKS  
From Sunday Notice Filed Feb 21-61

TD 5433

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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3. ADDRESS OF OPERATOR  
P. O. Box 52947, Lafayette, LA 70505

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1980' FNL, 660' FWL of Sec 18  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

5. LEASE  
14-20-603-286

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Navajo

9. WELL NO.  
5-1

10. FIELD OR WILDCAT NAME  
Anido Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 18, T43S, R25E

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

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5106 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 checked="" 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)		

(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.)\*

2/26/82 Perforated Lower Ismay at 5302-08 with 4 shots/ft with 4" casing guns. 24 charges. 5330-34 with 4 shots/ft with 4" casing guns. 16 charges. See Items (A) (B) (C).

2/27/82 T.I.H. with tubing with Baker 47B (7") A4 Lokset Retrievable casing packer. Packer would not set. T. O. H. with tubing and packer.

3/3/82 T. I. H. with Baker Model 47B (7") A3 Lokset Retrievable packer. Flushed Annulus with fresh water with oxygen scavenger. Set packer at 5230.

A. Acidize with 1000 gal 15% acid. Flushed with 330 Bbls salt water. Max PSI 1800, Rate 2 2/3 BPM. 1000 PSI, Rate 1 1/2 BPM. 600 PSI, Rate 1 1/4 BPM. Shut down vac 1/2 min.

Hook up disposal line and put on production.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

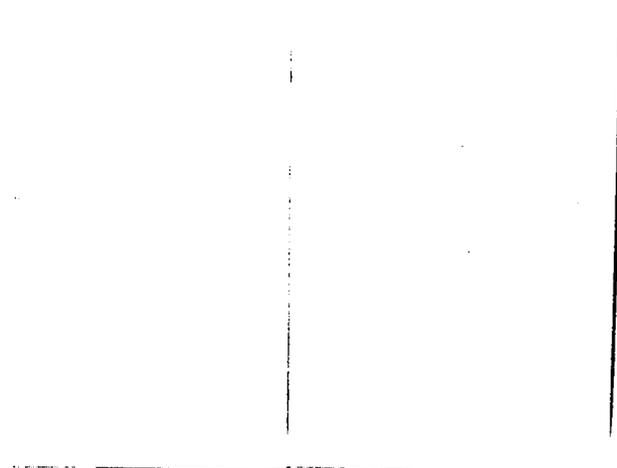
18. I hereby certify that the foregoing is true and correct

SIGNED George M. [Signature] TITLE Consultant DATE 11-29-82 P. O. Box 1689, Cortez, CO 81321

(This space for Federal or State office use)

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

3. Run Casing scraper with 1 joint tubing tail pipe below scraper. Clean out to 5350+. Circulate clean.
4. Run correlation log and perforate Ismay 5302 - 5308 and 5330 - 5334.
5. Run tubing with packer set at 5250'.
6. Check injection capability with rig pump. @ 1000 Psi
7. Stimulate as necessary.
8. Hook up for water disposal.

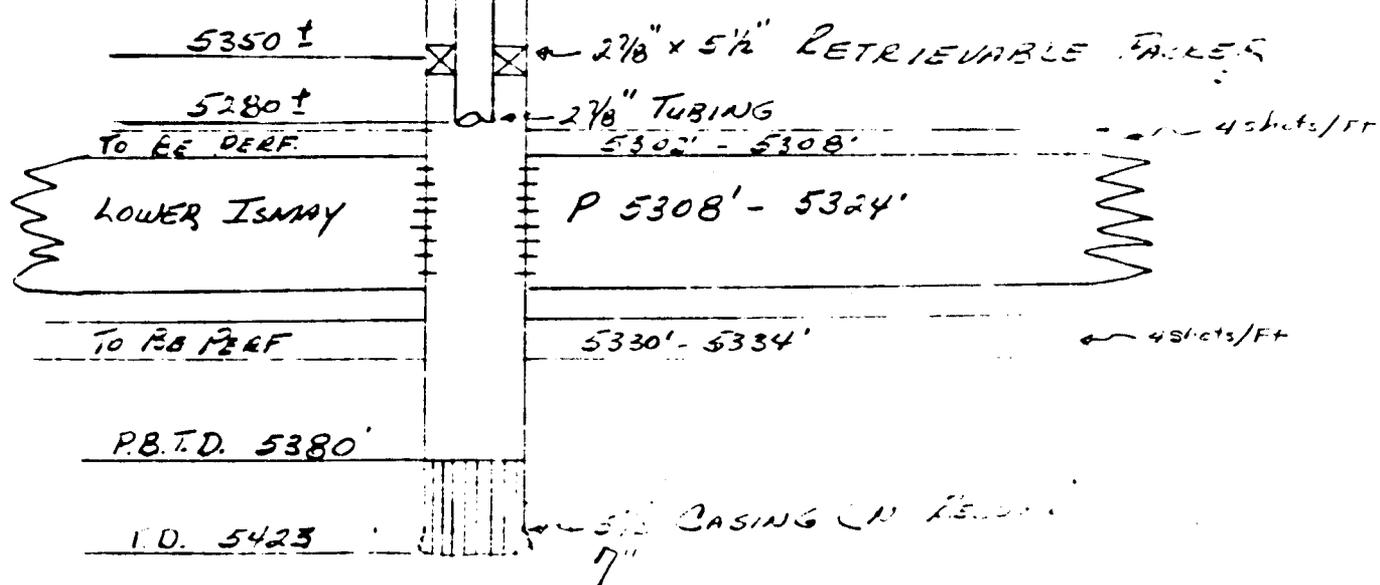


Item (B)

INPUT

WELL: BAHMAN (SINCLAIR) 1-NAVASCO  
 FIELD: ANUDO CREEK  
 COUNTY/PARISH: SAN JUAN  
 STATE: UTAH  
 LATITUDE: \_\_\_\_\_ LONGITUDE: \_\_\_\_\_

10 3/4" CSG @ 505'



WELL: NAVASCO 5

2) Item (C)

BAKER SERVICE TOOLS - TALLY PAD

New Completion  Workover

3-5-82 DRAWING

Systema Exploration Inc.

Oil Company

Well No. 5-1

Field Arido Creek

Lease NADAD

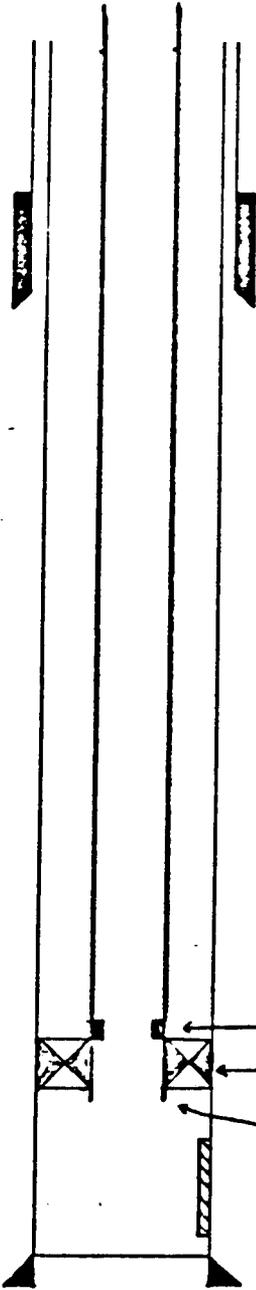
Company Man Millican

Date Drilled

County San Juan

State UTAH

Tubing Landed 8' Below 11' KS w/ 20,000' Pulled ON Tubing + Packer



165 J+ 2 7/8 EUE 8RD 6.5 JSS Tubing Inspected By OTI

5218 47

2 7/8 EUE Box + Pin Reg Seating Nipple I.D. 2.28 .90  
BAKER 47B (7') A-3 Lokset Retractable Packer 2 7/8 EUE  
I.D. 2.375 Box + Pin 3.00  
Bottom off Packer set @ 5230 33  
PERFS 5304 - 5334 See Item B

PBTD 5381 Tubing Tally

REMARKS:

Date of Tally

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 Salt Water Disposal

2. NAME OF OPERATOR  
Santana Exploration, Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 400327, Dallas, TX 75240

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1980' FNL, 660' FWL of Sec 18  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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

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

SUBSEQUENT REPORT OF:

5. LEASE  
14-20-603-286  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo  
7. UNIT AGREEMENT NAME  
  
8. FARM OR LEASE NAME  
Navajo  
9. WELL NO.  
5-1  
10. FIELD OR WILDCAT NAME  
Anido Creek  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 18, T43S, R25E  
12. COUNTY OR PARISH: 13. STATE  
San Juan | Utah  
14. API NO.  
  
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5106 KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

11/29/82 Acidize Lower Ismay Perfs 5302-08, 5308-24, 5330-34  
with 500 gals 15% Dowell D. A. D. Acid.  
Max PSI 1000#  
Rate 1 Bbl at 800#  
Flush on Perfs rate 3 1/2 BPM at 0 PSI  
Shut Down - Vac.  
Return to Disposal. ✓

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED George Miller TITLE Consultant

P. O. Box 1689, Cortez, CO 81321

DATE 12-1-82

(This space for Federal or State office use)

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

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 Salt Water Disposal

2. NAME OF OPERATOR  
Santana Exploration, Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 400327, Dallas, TX 75240

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1980' FNL, 660' FWL of Sec 18  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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 checked="" 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) Convert to Disposal Well

5. LEASE  
14-20-603-286

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Navajo 5

9. WELL NO.  
1

10. FIELD OR WILDCAT NAME  
Anido Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 18, T43S, R25E

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

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5106 KB.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

2/10/82

1. Clean out well.
  - a. Perforate additional Ismay Zone at 5302-5308, 5330-5334 with 4 shots per foot.
  - b. Acidize with 1000 gal 15% HCL Acid.
2. Convert to water disposal well. See Item A.
  - a. M. M. S. approved commingle of oil from leases 14-20-603-374, 14-20-603-720, 14-20-603-286 dated March 4, 1970.
  - b. Need approval to dispose of salt water produced from all three leases into this well.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED George Millman TITLE Consultant DATE 12-14-82  
(303) 565-6410  
 P. O. Box 1689, Cortez, CO 81321

(This space for Federal or State office use)

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

WORKOVER PROCEDURE

WELL: <sup>SINCLAIR</sup> SINCLAIR - 1 - NAVAJO - 5  
LOCATION: SECTION 18, T-43-S, R-25E (1980' FNL & 660' FWL)  
FIELD: ANIDO CREEK, SAN JUAN COUNTY, UTAH

7" 5-1/2" Casing set at (no record).  
2-7/8" Tubing (No apparent Packer) at (No record).  
Elevation 5106 DF depths from Zero - 5095' G.L. // KB  
Perforations - Ismay 5308' to 5324'.  
Total Depth 5423', plug back depth: 5380'.

Well has been utilized for water disposal into the Ismay both down the tubing and the annulus. On 12/16/81 Dowell attempted to pump into the tubing and annulus and was unsuccessful at 1000 PSI. On 12/17/81 an attempt to pull the tubing was unsuccessful up to 90,000 lbs. total pull. On 12/23/81 a 1-1/2" Polish Rod was run to 5300'. Well is presently closed in.

OBJECT OF WORKOVER: To clean out thru tubing to 5350'. Pull tubing, clean out, perforate additional Ismay Zone and convert to water input into the Ismay Zone(s).

PROCEDURE:

1. Run wash pipe, clean out inside 2-7/8" tubing to 5350' using reverse circulation.
2. Attempt to circulate 2-7/8" X <sup>7"</sup>5-1/2" annulus (Max pressure 2000 PSI).
  - A. If able to circulate - circulate clean and pull tubing. Proceed to Step 3.
  - B. If unable to circulate:
    1. Remove tubing head bonnet as necessary.
    2. Run free point, make back off and wash <sup>7"</sup>5-1/2" X 2-7/8" annulus until clean.
    3. Repeat back off and washout until tubing is recovered.

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 Salt Water Disposal

2. NAME OF OPERATOR  
Santana Exploration, Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 400327, Dallas, TX 75240

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1980' FNL, 660' FWL of Sec 18  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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 checked="" 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)			

5. LEASE  
14-20-603-286

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Navajo 5

9. WELL NO.  
1

10. FIELD OR WILDCAT NAME  
Anido Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 18, T43S, R25E

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

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5106. K, B.

(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.)\*

5/30/82 Propose to acidize Lower Ismay Perfs at 5302-24, 5330-34 with 500 gals Dowell D, A. D. 15% acid.  
To clean up perforations

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED George M. Mithcan TITLE Consultant P. O. Box 1689, Cortez, CO 81321  
(303) 565-6410 DATE 12-21-82

(This space for Federal or State office use)

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

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 Salt Water Disposal

2. NAME OF OPERATOR  
Santana Exploration, Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 52947, Lafayette, LA 70505

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1980'FNL, 660'FWL of Sec 18  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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 checked="" 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)		

5. LEASE  
14-20-603-286

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Navajo

9. WELL NO.  
5-1

10. FIELD OR WILDCAT NAME  
Anido Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 18, T43S, R25E

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

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5106 KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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6/2/82 Acidize Lower Ismay Perfs. 5302-08, 5308-24, 5330-34 with 500 gals Dowell DAD 15% Acid. Max PSI 1150, Rate 3 1/2 BPM. Flush on formation PSI "0", Rate 2 BPM. Hook up disposal line and return to production. ✓

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct P. O. Box 1689, Cortez, CO 81321

SIGNED George Miller TITLE Consultant DATE \_\_\_\_\_

(This space for Federal or State office use)

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

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 Salt Water Disposal

2. NAME OF OPERATOR  
Santana Exploration, Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 400327, Dallas, TX 75240

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1980' FNL, 660' FWL of Sec 18  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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 checked="" 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)

5. LEASE  
14-20-603-286

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Navajo 5

9. WELL NO.  
1

10. FIELD OR WILDCAT NAME  
Anido Creek

11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 18, T43S, R35E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5106 .K. B.

(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.)\*

11/25/82 Propose to acidize Lower Ismay Perfs at 5302-24, 5330-34 with 500 gals Dowell D. A. D. 15% acid.  
To clean up perforations

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED George Milligan TITLE Consultant P. O. Box 1689, Cortez, CO 81321  
DATE 12-21-82  
(303) 565-6410

(This space for Federal or State office use)

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



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

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

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

December 22, 1982

Mr. George Millican  
Santana Exploration, Inc.  
P.O. Box 1689  
Cortez, Colorado 81321

RE: Well No. 5-1  
Sec. 18, T 43 S, R 25 E  
San Juan County, Utah

Dear Mr. Millican:

During a recent field inspection of the above referenced injection well, an excessive amount of pressure was observed on the tubing-casing annulus. As this situation is contrary to the operating requirements for Class II injection wells, please advise the Division of any circumstances which might indicate the source and cause of this pressure.

Your prompt reply is requested so that a determination might be made as to correcting this situation or initiating further pressure monitoring or testing requirements.

Sincerely,

A handwritten signature in cursive script, appearing to read "Gilbert L. Hunt".

GILBERT L. HUNT  
UIC GEOLOGIST

DIVISION OF OIL, GAS AND MINING

GLH/mm

# PetroDril, Inc.

PRODUCTION DRILLING  
P.O. Box 400327  
Dallas, Texas 75240  
214/980-7986



January 13, 1983

Mr. Gilbert L. Hunt  
State of Utah  
Natural Resources & Energy  
4241 State Office Building  
Salt Lake City, Utah 84114

Ref: Well No. 5-1  
Sec. 18, T435, R25E  
San Juan County, Utah

Dear Mr. Hunt,

This letter is written as a follow up to our telephone conversation of last week concerning our problem with excessive pressure on the tubing-casing annulus on well No. 5-1 in San Juan Co., Utah.

You will recall that I referred you to our representative Mr. Dennis DeVilliers and also gave you his telephone number and address so that you could contact him concerning the problem.

I have sent Dennis a copy of your letter with instructions to contact you if he did not hear from you.

We want to cooperate in any way possible and to comply with whatever the Utah regulations are concerning the property we operate in your state.

I appreciate very much the book on Utah regulations that you sent me. I have forwarded this book to Dennis so that he may become familiar with the regulations contained therein. I would appreciate if you might send me another copy to remain at my office so that we might coordinate our operations.

Thank you again for your kind assistance in this matter.

Sincerely,

PETRODRIL, INC.

A handwritten signature in cursive script that reads "David L. Langford". The signature is written in black ink and is positioned above the typed name and title.

David L. Langford  
V.P. & Treasurer

cc: W.E. Dulaney  
Dennis DeVilliers  
Mathew McNally  
DLL/SKR

**RECEIVED**

JAN 17 1983

**DIVISION OF  
OIL, GAS & MINING**



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

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

March 22, 1983

Bureau of Land Management,  
Oil and Gas Dept.  
P.O. Box 959  
206 Petroleum Plaza  
Farmington, New Mexico 87401

RE: Disposal Well  
Navajo 5-1  
Sec. 18, T. 43 S, R. 25 E  
San Juan County, Utah  
API #43-037-15921

Gentlemen:

During a recent visit to the above referenced well excessive pressure was observed on the tubing-casing annulus. This situation could indicate the presence of a leak in the tubing or packer. Since our Division has no jurisdiction over injection wells on Indian land I just wanted to notify your agency of this situation.

If you have any questions, please call.

Sincerely,

A handwritten signature in black ink, appearing to read 'Gilbert L. Hunt'.

GILBERT L. HUNT  
UIC GEOLOGIST

GLH/mn



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 22, 1985

Petrodril, Incorporated  
P.O. Box 400327  
Dallas, Texas 75240

Attn: Scott Posey

Gentlemen:

RE: Anido Creek #1-5, Section 18, T43S, R25E, San Juan County, Utah

According to our files on the above mentioned well we have not received the necessary forms required by Rule I-4. I have enclosed the forms and a copy of the rules and regulations for your information. Please note Rule I-7 states that the injection report (DOGM-UIC-4) should be filed with us monthly.

If this well is still being used as a disposal well this Division respectfully requests that you complete these forms and mail to the above address, attention UIC Program.

Thank you for your cooperation in this matter. If there are any further questions please call this office.

Sincerely,

A handwritten signature in cursive script that reads "Marlayne Poulsen".

Marlayne Poulsen  
UIC Secretary

mfp  
0012U-21



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

December 2, 1985

Petrodril, Incorporated  
P.O. Box 400327  
Dallas, Texas 75240

ATTN: David L. Langford

Gentlemen:

RE: Anido Creek No. 1-5, Section 18, Township 43 South, Range 25  
East, San Juan County

Enclosed is a copy of a letter sent to you on August 22, 1985. To date, we have not received the forms or information requested.

Since this well is being operated illegally, (see enclosed Attorney General's informal opinion No. 85-55), you are hereby requested to shut-in said well and cease injecting until such time as you have filed an application and received approval for a Class II injection well.

Incidentally, failure to comply with this request could result in a fine of \$5,000 or \$10,000 per day for each day of violation.

Enclosed are some more forms and a copy of Rule I-5.

Thank you,

*Cleon B. Feight*  
Cleon B. Feight  
UIC Manager

Enclosure  
mfp  
0009U-28

RECEIVED  
FEB 12 1990

RECEIVED  
BLM MAIL ROOM JUL 11 1988

DIVISION OF  
OIL, GAS & MINING

88 JUL 14 AM 11:14

FARMINGTON RESOURCE AREA  
FARMINGTON, NEW MEXICO

14-20-603-286 (CC)  
3160 (015)

Memorandum

To: Area Director, BIA, Navajo Area Office  
From: Assistant District Manager, Mineral Resources  
Subject: Recommendation to Attach Oil and Gas Bond Navajo Lease  
14-20-603-286

The subject lease was terminated, effective January 31, 1982 due to no production while in its extended term. The lessee, Mr. R. L. Wright, has not responded to instructions from our Farmington Office to submit plans to plug the remaining well (No. 1 Navajo 5, SW 1/4 Section 18, T. 43 S., R. 25 E., San Juan County, Utah).

Therefore, we recommend that the bond (which your office holds as surety for compliance on the lease) be used to plug the well and reclaim the leased lands. Once you have made such arrangements with the surety company, contact must be made with our Farmington Resource Area Office for instruction on plugging the well and reclaiming disturbed areas on the lease.

If you have any questions on this matter, please contact Shirley Bryant at the above address or telephone (505) 761-4503.

cc:  
NM-019  
015:SBryant:ja:6/29/88:0205M

(Orig. Signed) - Sid Vogelwohl

OIL AND GAS	
DRN	RJF
JRB	GLHV
DTS	SLS
2-TAS	
3- MICROFILM	
4-UIC FILE	

UIC	
GLH	<input checked="" type="checkbox"/>
DJU	<input type="checkbox"/>
BGH	<input type="checkbox"/>
COMPUTER	<input type="checkbox"/>
MICROFILM	<input checked="" type="checkbox"/>
FILE	<input type="checkbox"/>

RECEIVED  
FEB 7 1990  
EPA REGION VIII  
DRINKING WATER BRANCH

