

UTAH OIL AND GAS CONSERVATION COMMISSION

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

881108 chg. of footages from 830 FNL 540 FEL.  
 890929 chg. of footages from 2040 FNL 730 FEL.

DATE FILED 9-26-88

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-43170 INDIAN

DRILLING APPROVED: 10-3-88 (CAUSE NO. 179-3)

SPUDDED IN:

COMPLETED: 10-18-91 LA PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: **BLM DID NOT APPROVE-LA'D 10-18-91 APD EXPIRED**

FIELD: NATURAL BUTTES

UNIT:

COUNTY: UINTAH

WELL NO. ~~2040~~ SOUTHMAN CANYON 1-21 ~~730~~ API NO. 43-047-31855

LOCATION ~~830~~ FNL FT. FROM (N) (S) LINE. ~~540~~' FEL FT. FROM (E) (W) LINE. ~~NENE SENE~~ 1/4 - 1/4 SEC. 21

2025' FNL 270' FEL

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
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10S	23E	21	SAMEDAN OIL CORP.				
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UNITED STATES  
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

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

Samedan Oil Corporation

DIVISION OF OIL, GAS & MINING  
(303) 534-0677

3. ADDRESS OF OPERATOR

1616 Glenarm Pl., Suite 2550, Denver, Co. 80202

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

At surface

830' FNL & 540' FEL (NENE)

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

10 air miles SW of Bonanza, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

540'

16. NO. OF ACRES IN LEASE

480

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

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

N/A

19. PROPOSED DEPTH

7,550' *Misc. Waste*

20. ROTARY OR CABLE TOOLS

Rotary

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

5,548' ungraded ground

22. APPROX. DATE WORK WILL START\*

Oct. 31, 1988

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24* (K-55, ST&C)	2,000'	~775 cu ft or to surface
7-7/8"	4-1/2"	10.5* (K-55, ST&C)	7,550'	~1,050 cu ft or to 4,500'

East half of Section 21 (i.e., stand-up 320) will be assigned to well in conformance with UDOGM Order Cause No. 179-3.

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 Brian Wood TITLE Consultant DATE 9-23-88

(This space for Federal or State office use)

PERMIT NO. 43-047-31855 APPROVAL DATE \_\_\_\_\_

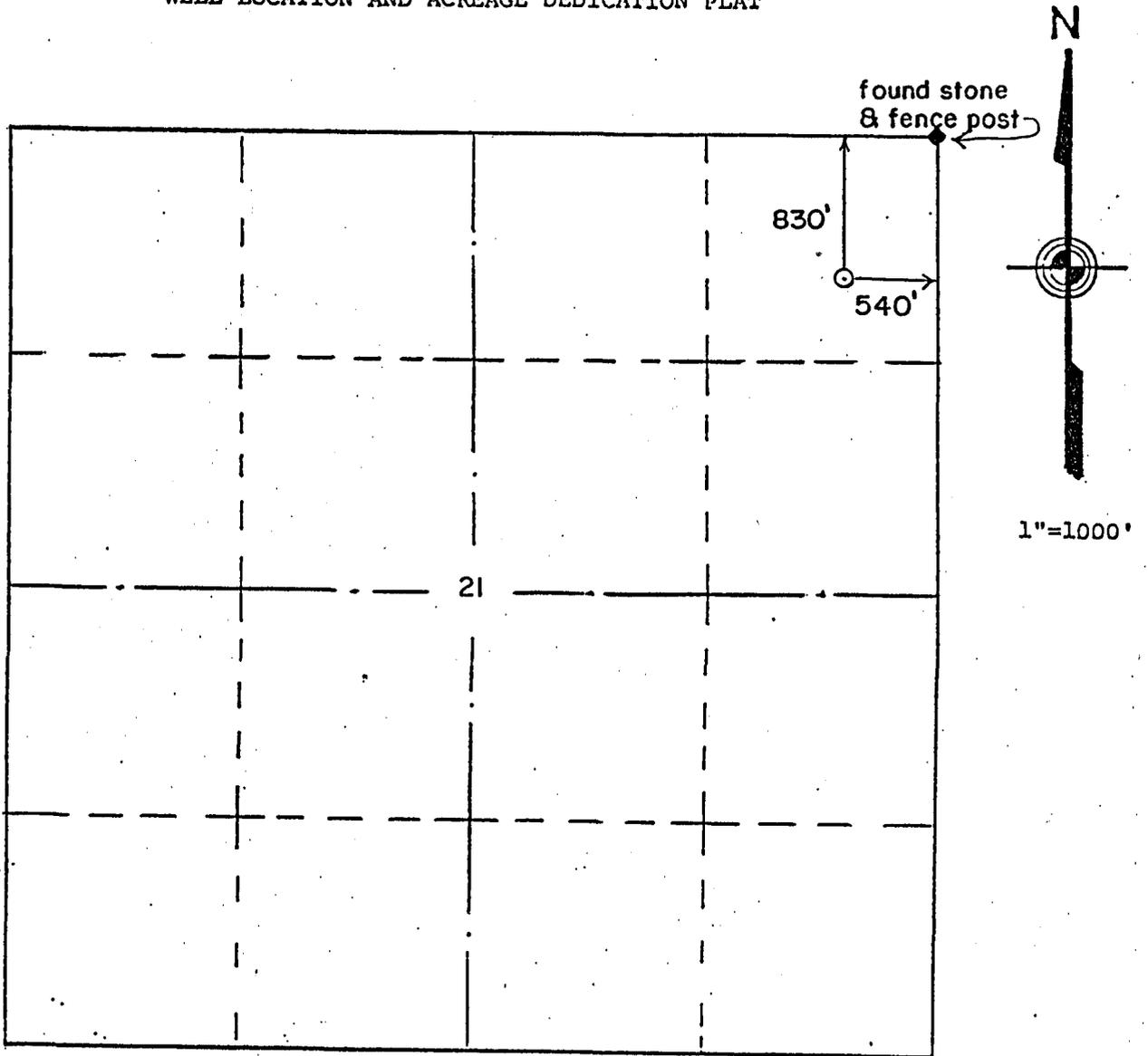
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE: 10-3-88

CONDITIONS OF APPROVAL, IF ANY:

cc: BLM (3), BLM (3), UDOGM (2)  
APPROVED BY THE STATE  
OF UTAH, DIVISION OF  
OIL, GAS, AND MINING  
DATE: 10-3-88  
BY: John R. Bays  
WELL SPACING: Cause No. 179-3

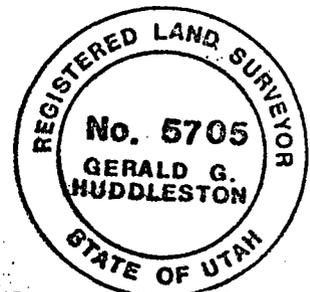
\*See Instructions On Reverse Side

WELL LOCATION AND ACREAGE DEDICATION PLAT



WELL LOCATION DESCRIPTION:

Samedan Oil  
Southman # 1-21  
830' FNL & 540' FEL  
Section 21, T.10 S., R.23 E., SLM  
Uintah County, Utah  
5548' ground elevation  
Reference: S80°E, 350', 5553' grd.

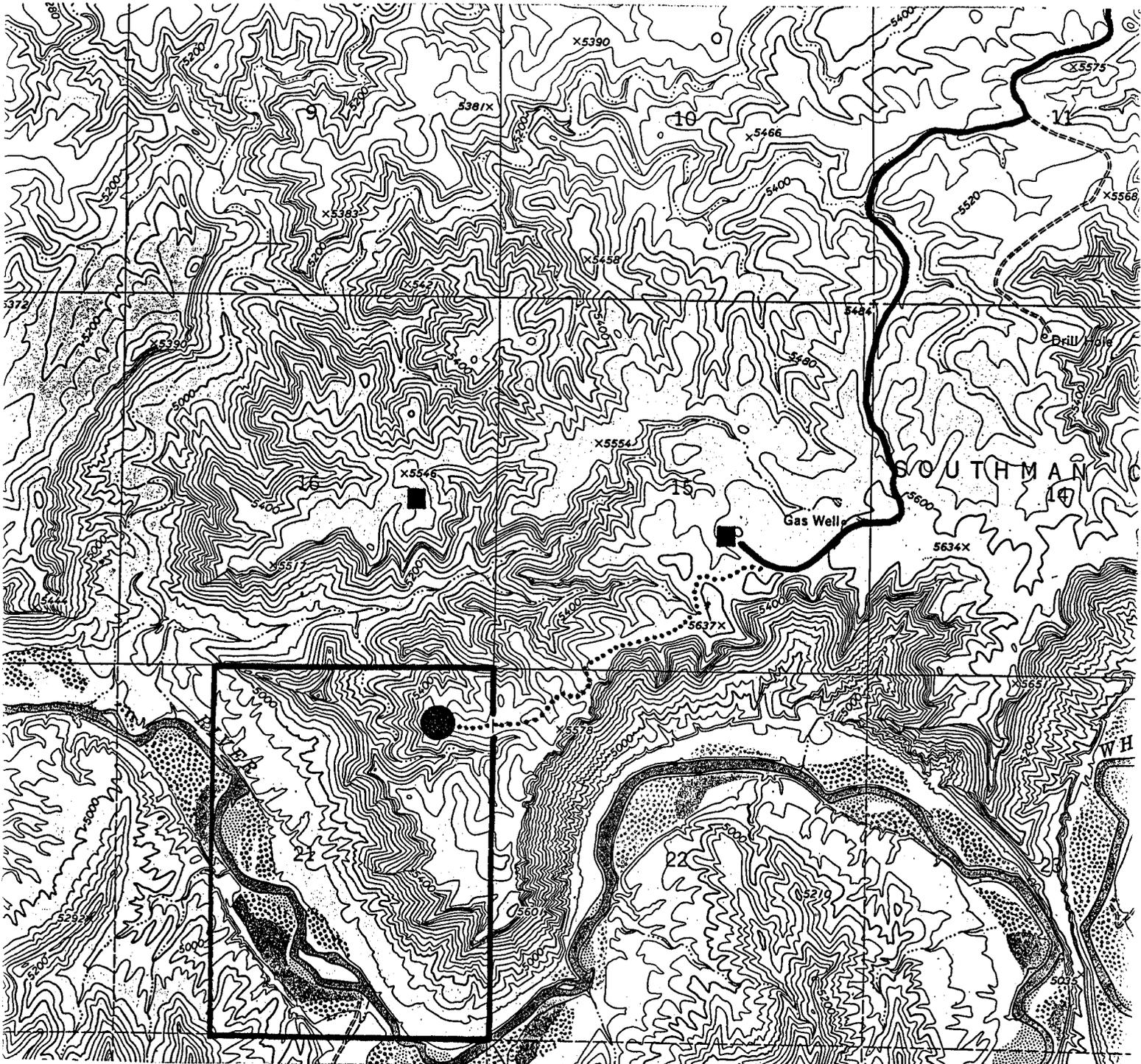


The above plat is true and correct to my knowledge and belief.

22 September 1988

*Gerald G. Huddleston*  
Gerald G. Huddleston, LS

Samedan Oil Corporation  
Southman Canyon 1-21  
830' FNL & 540' FEL  
Sec. 21, T. 10 S., R. 23 E.  
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Proposed Well: ●

Existing Wells: ■

Lease U-43170: □

Existing Road: ~~~~~

New Road: .....

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All lease operations will be conducted in full compliance with applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas Order #1, and the approved plan of operations. Samedan Oil Corporation is fully responsible for the actions of its subcontractors. Samedan Oil Corporation will furnish an approved APD to its field representative to assure compliance.

### Drilling Program

#### 1. ESTIMATED FORMATION TOPS

<u>Formation Name</u>	<u>Depth from GL*</u>	<u>Depth from KB</u>	<u>Subsea</u>
Uintah Sandstone	000'	10'	+5,548'
Green River	1,128'	1,138'	+4,420'
Wasatch	5,128'	5,138'	+ 420'
Mesa Verde	5,728'	5,738'	- 180'
TD	7,550'	7,560'	-2,002'

\* ungraded

#### 2. NOTABLE ZONES

The estimated depths from ungraded ground level at which water, oil, gas, or other mineral bearing zones are expected to be encountered are:

##### Possible Oil & Gas Zones

Green River: 1,128'

Wasatch: 5,128'

Mesa Verde: 5,728'

##### Possible Water Zones

Green River: 1,128'

Wasatch: 5,128'

Mesa Verde: 5,728'

The hole will be cased throughout its depth. Water bearing zones will be protected with casing, cement, and weighted mud. All fresh water found

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during drilling will be recorded by depth, cased, and cemented. All promising oil and gas shows will be tested to determine commercial potential. Primary objective is the Mesa Verde. Secondary is the Wasatch.

### 3. PRESSURE CONTROL (Also see PAGES 4 & 5)

BOP systems will be consistent with API RP 53. An 11" 3,000 psi double ram with annular preventer or rotating head with a 3,000 psi choke manifold will be used from 2,000' (bottom surface casing) to TD. The drilling contract has not yet been awarded. It is anticipated the BOP will be similar to the typical schematic diagram on PAGE 3.

Ram type preventers will be tested to the rated working pressure of the stack or to 70% of the internal yield of the casing, whichever is less. The annular type preventer will be tested to 50% of its rated working pressure.

Pressure tests will be conducted before drilling out from under all set and cemented casing strings. BOP controls will be installed before drilling the surface casing plug, and will stay in use until the well is completed or abandoned. Preventers will be pressure tested before drilling casing cement plugs.

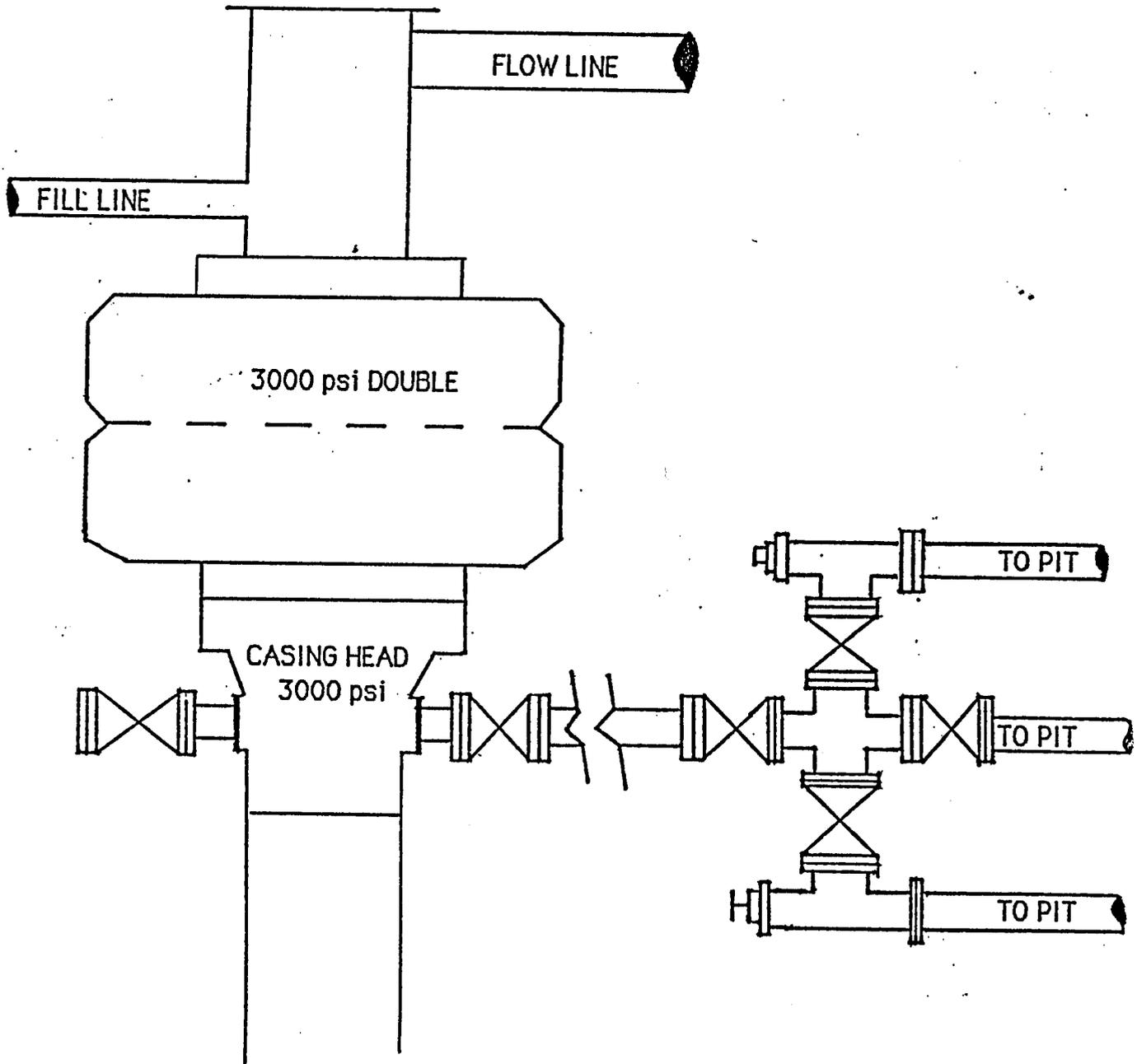
BOPs will be inspected and operated at least daily to insure they are in good mechanical working order. All inspections will be recorded on the driller's log or daily drilling report.

### 4. CASING & CEMENT

<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>	<u>Age</u>	<u>Setting Depth</u>
11"	8-5/8"	24*	K-55	ST&C	New	0' - 2,000'
7-7/8"	4-1/2"	10.5*	K-55	ST&C	New	0' - 7,550'

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**BLOWOUT PREVENTER**

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Surface casing will be cemented to the surface with  $\approx 775$  cu. ft. "light" (calculated @ 50% excess). Additives may include gilsonite, calcium chloride, and cellophane as needed.

Production casing will be cemented from TD to  $\approx 4,500'$  with  $\approx 1,050$  cu. ft. (calculated @ 50% excess) Class G or "light" and "neat" as determined appropriate. Additives may include gilsonite and cellophane as needed.

#### 5. MUD PROGRAM

<u>Interval</u>	<u>Type</u>
0' - 2,000'	Fresh water with gel/polymer sweeps
2,000' - 4,800'	Fresh water with gel/polymer sweeps
4,800' - 5,000'	Mud up as directed
5,000' - 7,550'	Fresh water gel with 50-100 ppm nitrates, 9.5 ppg maximum weight, $\leq 10$ cc water loss, and viscosity of 35-40 sec/qt.

LCM will be on location. A mud level indicator will be visually monitored. No chromate mud additives will be used without prior BLM approval to be certain fresh water aquifers are adequately protected.

#### 6. CORING, TESTING, & LOGGING

No cores are planned. DSTs may be run in the Wastach and Mesa Verde if good shows are found. Cuttings will be collected every 30' from surface to 4,000'. A 2 man mud logging unit will be on location from 4,000' to TD. They will collect cuttings every 10' from 4,000' to TD. These logs may be run:

Surface to TD: DIL/SP/GR  
4,000' to TD: FDC/CNL/GR/CAL

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Whether the well is completed as a dry hole or producer, Well Completion or Recompletion Report and Log (Form 3160-4) will be submitted not later than 30 days after completion of the well, or after completion of operations being performed, *per* 43 CFR 3164. Two copies of all logs, core descriptions & analyses, test data, geologic summaries, sample descriptions, and all other surveys or data obtained during drilling, workover, and/or completion operations, will be filed with Form 3160-4. (If requested, sample cuttings, fluids, and/or gases will be submitted to BLM.)

**7. DOWNHOLE CONDITIONS**

The maximum expected bottom hole pressure is 3,000 psi. No abnormal pressures, temperatures, or hydrogen sulfide are expected.

**8. MISCELLANEOUS**

The anticipated spud date is October 31, 1988. It is expected it will take  $\approx$ 1 month to drill the well and  $\approx$ 2 weeks to complete the well.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without the prior approval of BLM. If operations are to be suspended, the prior approval of BLM will be obtained and notification given before resumption of operations.

The spud date will be phoned to BLM within 48 hours after spudding. If the spud is on a weekend or holiday, the phone call will be made on the following regular work day. A Sundry Notice will follow the phone call.

Starting with the month in which operations begin, and continuing each

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month until the well is physically plugged and abandoned, a Monthly Report of Operations (Form 3160-6) will be sent to BLM.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual events will be promptly reported to BLM *per* NTL-3A.

If the well is successfully completed for production, then BLM will be notified. Written notification will be sent not later than 5 business days following the date on which the well is placed on production. BLM will schedule a first production conference within 15 days after receipt of the first production notice.

*Per* NTL-4A, approval to vent/flare gas during initial well evaluation will be obtained from BLM. This preliminary approval will not exceed 30 days or 50 MMcf of gas, whichever comes first. An application must be filed with BLM and approval received, for any venting/flaring of gas beyond the initial 30 day, or authorized, test period.

*Per* 43 CFR 3162.7-2,3, &4, a schematic diagram of production facilities will be submitted to BLM within 30 days of installation or production, whichever comes first. All site security regulations in 43 CFR 3162.7 will be obeyed. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed *per* 43 CFR 3162.7-4.

No well abandonment operations will begin without the prior approval of BLM. With a newly drilled dry hole, failure, or emergency, oral approval will be obtained from BLM. A Sundry Notice will be sent to BLM within 30 days following completion of the well for abandonment. The Report will note where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until reclamation required by the approved APD or abandonment notice has been completed to the satisfaction of BLM.

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### Surface Use Plan

Roads, fences, and surface disturbing activities will conform with the Surface Operating Standards for Oil and Gas Development, USGS, 1978.

#### 1. DIRECTIONS & EXISTING ROADS (PAGES 15 -17)

From the US 40 & Utah 45 junction in Naples, go south 36 mi. on Utah 45.

Then turn right and go west 4 mi. on the Ouray Road.

Then bear left (at the Seven Sisters sign) and go south 1.3 mi.

Then bear right and go west 4.4 mi.

Then turn left and go south 2.5 mi.

[Construction will begin at this point.] Then bear left and go southwest 1.25 mi. to the wellsite on a new road.

None of the existing roads needs improvement since they are crowned and ditched or outsloped. Roads and cattleguards will be maintained to a standard at least equal to their present condition. This includes blading out ruts in the final 8.2 mi of existing road where needed.

Samedan Oil Corporation is working with Snyder Oil Company to have its unused road right-of-way (U-47488) assigned to Samedan. Should this effort be unsuccessful, then Samedan will apply for its own right-of-way using the same route. The right-of-way extends from the Ouray Road to the lease line.

#### 2. NEW ROAD (PAGE 17)

Initially the new road follows a jeep trail for 0.5 mi. Then the road will follow a hot pink flagged route for the last 0.75 mi.

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The 1.25 mi. of new road will have a 16' wide running surface and maximum disturbed width of 30'. Maximum grade will be 10%. No turnouts are needed because of excellent lines of sight. Drainage will be controlled by crowning, ditching, and outsloping as appropriate. No culverts are needed. Only major cut or fill will be at the south line of Section 15 where a switchback will provide passage across a break. Ample *in situ* rock eliminates the need for surfacing. No cattleguards are needed. All of the new road is on BLM land.

Before construction, the route will be cleared of snow and allowed to dry. No construction will occur on muddy roads. Construction will include ditching, draining, rocking, crowning, and capping as needed for a well built safe road. The road does not cross any drainages. Borrow ditch erosion will be prevented by frequently diverting water with cutout ditches. Mudholes will be filled and detours avoided.

All travel is limited to approved roads and the 30' wide right-of-way.

### 3. EXISTING WELLS (PAGE 17)

Ensearch has two shut-in gas wells within a one mile radius. One is 3,109' away @ 2216 FSL & 1164 FEL in Section 16. The other is 4,984' away @ 1998 FSL & 1716 FEL in Section 15.

As of September 15, 1988, there were no other producing, drilling, water, disposal, or injection wells within a one mile radius.

### 4. PROPOSED PRODUCTION FACILITIES

The location, type, and layout of the production facilities are not known now. A Sundry Notice will be submitted for approval before they are

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installed. It is anticipated that they will be installed on location.

If a tank battery is built, it will be surrounded by a dike of sufficient capacity to contain 150% of the storage capacity of the battery. The integrity of the dike will be maintained.

All permanent (on site for 6 or more months) surface facilities will be painted a flat, nonreflective, desert tan color. Painting will be completed within 6 months of installation. Parts required to comply with OSHA color rules will be excluded.

#### 5. WATER SUPPLY (PAGES 16 & 17)

Water will be trucked ≈17 mi. from the White River in SWNE 2-10s-24e. Pump out point will be on land owned by Uintah County. A Temporary Application to Appropriate Water has been filed with the State of Utah Div. of Water Rights.

#### 6. CONSTRUCTION METHODS & MATERIALS

Samedan's dirt contractor will call Byron Tolman or Jim Piani of the BLM @ (801) 789-1362 between 24 and 48 hours before construction starts. BLM will be called again after construction is complete, but before the rig moves on. A copy of the approved APD and right-of-way grant will be with the dirt contractor during construction and on location thereafter.

Commercial bentonite will be used to line the reserve pits. All fill will be excess cut material. No other construction materials will be needed. Should a need arise, they will be bought from a commercial source.

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## 7. WASTE DISPOSAL

Two lined reserve pits will be built. The lower pit will be used only if the upper pit reaches capacity. Cuttings, salts, and chemicals from drilling and completion will be contained and disposed of in the reserve pits.

Once dry, the lower reserve pit will be filled. The upper pit will be kept as a production pit if production results. Otherwise, it too will be filled when dry. If the pits do not dry within 180 days of the end of completion operations, the remaining fluid will be pumped out and hauled to one of eight State approved produced water disposal ponds in the Uintah Basin.

Human waste will be disposed of in 20' deep ratholes or chemical toilets. The ratholes will be immediately filled when the trailers are removed.

All trash will be placed in a portable trash cage. When full, and at the end of drilling and completion, it will be hauled to an approved landfill. No burning will be allowed.

Any hydrocarbons on the pit will be removed as soon as possible after drilling is finished. Produced oil recovered during testing operations will be sold if of saleable quality and quantity. Produced water recovered during testing will evaporate in the reserve pit or be hauled to a State approved produced water disposal pond.

The reserve pit will be lined with a bentonite at the rate of 2 lb/sq. ft. to a depth of 1 foot in a 1 foot thick dirt layer on the bottom and sides to prevent seepage. At least half of the capacity will be in cut. The pit will be built so as not to leak, break, or discharge.

The pit will be fenced on three sides with 36" woven wire topped with at least one strand of barbed wire. The 4th side will be fenced once the rig moves off. Deadmen will not be used at corners. Timber or tubing braces

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will be built. The fence will be kept in good repair while the pit is drying.

Produced water will be confined to a lined pit for a period not to exceed 90 days after initial production. During the 90 day period an NTL-2B application and water analysis will be submitted for BLM's approval of a permanent disposal method and site.

#### 8. ANCILLARY FACILITIES

There will be no formal camp, though trailers may be on site for the mud logger, company man, and tool pusher.

#### 9. WELL SITE LAYOUT (PAGES 18 - 20)

See PAGES 18 - 20 for locations and depictions of the well pad, cross sections, cut and fill diagrams, reserve pit, blooey/flare pit (which will be separate from the reserve pit and at least 150' from the drill rig), access road onto the pad, parking, living facilities, soil stockpile, and rig orientation.

Soil material and brush will be removed from the location and stockpiled west of the pad. Topsoil along the access will be reserved in place.

#### 10. RECLAMATION

Immediately upon completion of drilling, all trash and debris will be collected from the pad and surrounding area and placed in the trash cage.

Before any dirt work to reclaim the location starts, the reserve pit(s) must be completely dry and all cans, barrels, pipe, *etc* removed before it

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is filled. The reserve pit(s) will be reclaimed within 180 days from the date of well completion.

All disturbed areas will be recontoured to blend as nearly as possible with the natural topography. The stockpiled topsoil and brush will be spread evenly over the disturbed area. Prior to reseeding, all disturbed areas, including roads, will be ripped or scarified on the contour and left with a rough surface.

Seeding will be done from September 30 until the ground freezes. An appropriate seed mix will be determined by BLM at the time reclamation begins. If broadcast, a harrow or similar implement will be dragged over the area to assure seed cover, and the rate will be doubled over what it would be if the seed were drilled. If seeding is unsuccessful, the operator may be required to make subsequent seedings.

Compacted areas will be ripped 12" deep before seeding. Seeding should be done with a disc-type drill set 10" apart. Seed should be planted 1/2" to 3/4" deep. A drag, packer, or roller may be used to cover the seed. Drilling will be done on the contour if possible. If slopes are too steep for contour drilling, a cyclone style hand seeder will be used and the rate doubled. seed will than be covered by whatever means is practical.

If production results, the lower reserve pit will be reclaimed as described.

Samedan will control noxious weeds along rights-of-way for roads, pipelines, and the wellsite. Any proposed use of a pesticide, herbicide, or other possible chemicals will be approved by BLM before use.

The drill rig and associated equipment will not be stacked on BLM land.

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11. SURFACE OWNER

The pad and all road construction is on federal land administered by BLM.

12. OTHER INFORMATION

An archaeological survey was conducted by LaPlata Archeological Consultants. No archaeological sites were found, but fossil bone fragments were found in NWNW Sec. 22. They will be avoided by road construction. Blue flagging marks the area to be avoided.

If, during operations, any archaeological or historical sites or object of antiquity subject to the Antiquities Act of 1906 are found, work in that spot will stop immediately and BLM will be called.

This permit will be valid for one year from the date of approval. After the permit expires, a new application will be filed for approval of any future operations.

The nearest hospital is ≈1 hour away in Vernal @ 151 West 200 North. Phone number is (801) 789-3342.

13. REPRESENTATION AND CERTIFICATIONS

For questions concerning the APD, please contact:

Brian Wood  
Permits West, Inc.  
37 Verano Loop  
Santa Fe, NM 87505  
(505) 984-8120

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The field representative for Samedan Oil Corporation is:

Gary Brune, Division Production Superintendent  
Samedan Oil Corporation  
1616 Glenarm Place, Suite 2550  
Denver, Co. 80202  
(303) 534-0677

Home: (303) 779-5194

All lease operations will be in full compliance with all applicable laws, regulations, Onshore Oil & Gas Orders, approved plan of operations, and any applicable Notices to Lessees. Samedan Oil Corporation is fully responsible for the actions of its sub-contractors. A copy of these conditions will be given to the field representative to assure compliance.

I hereby certify that Samedan Oil Corporation has the necessary consents from the proper lease interest owners to conduct lease operations in conjunction with this APD. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Samedan Oil Corporation.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Samedan Oil Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

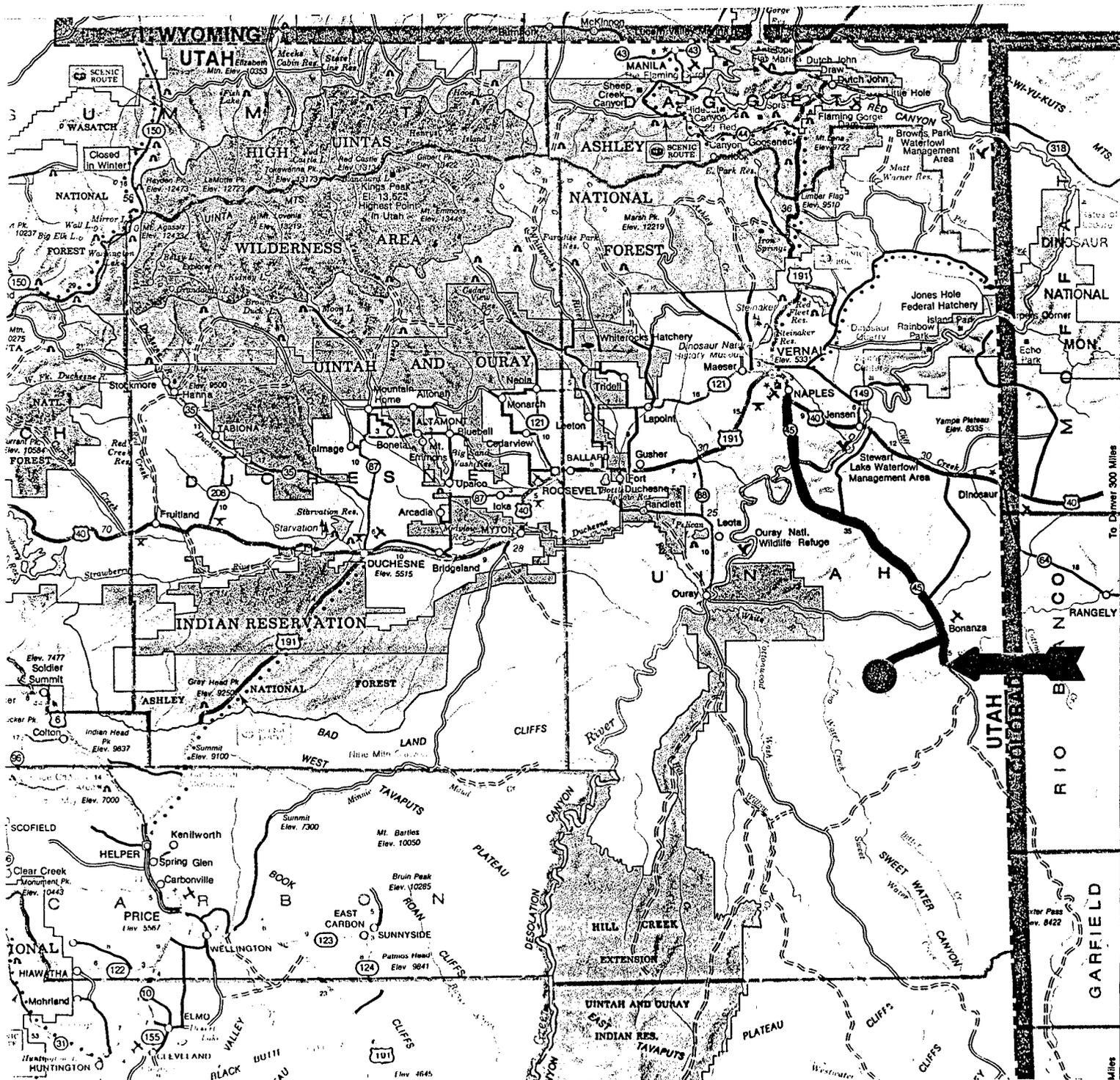


Brian Wood  
Consultant to Samedan Oil Corporation

9-23-88

Date

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 830' FNL & 540' FEL  
 Sec. 21, T. 10 S., R. 23 E.  
 Uintah County, Utah

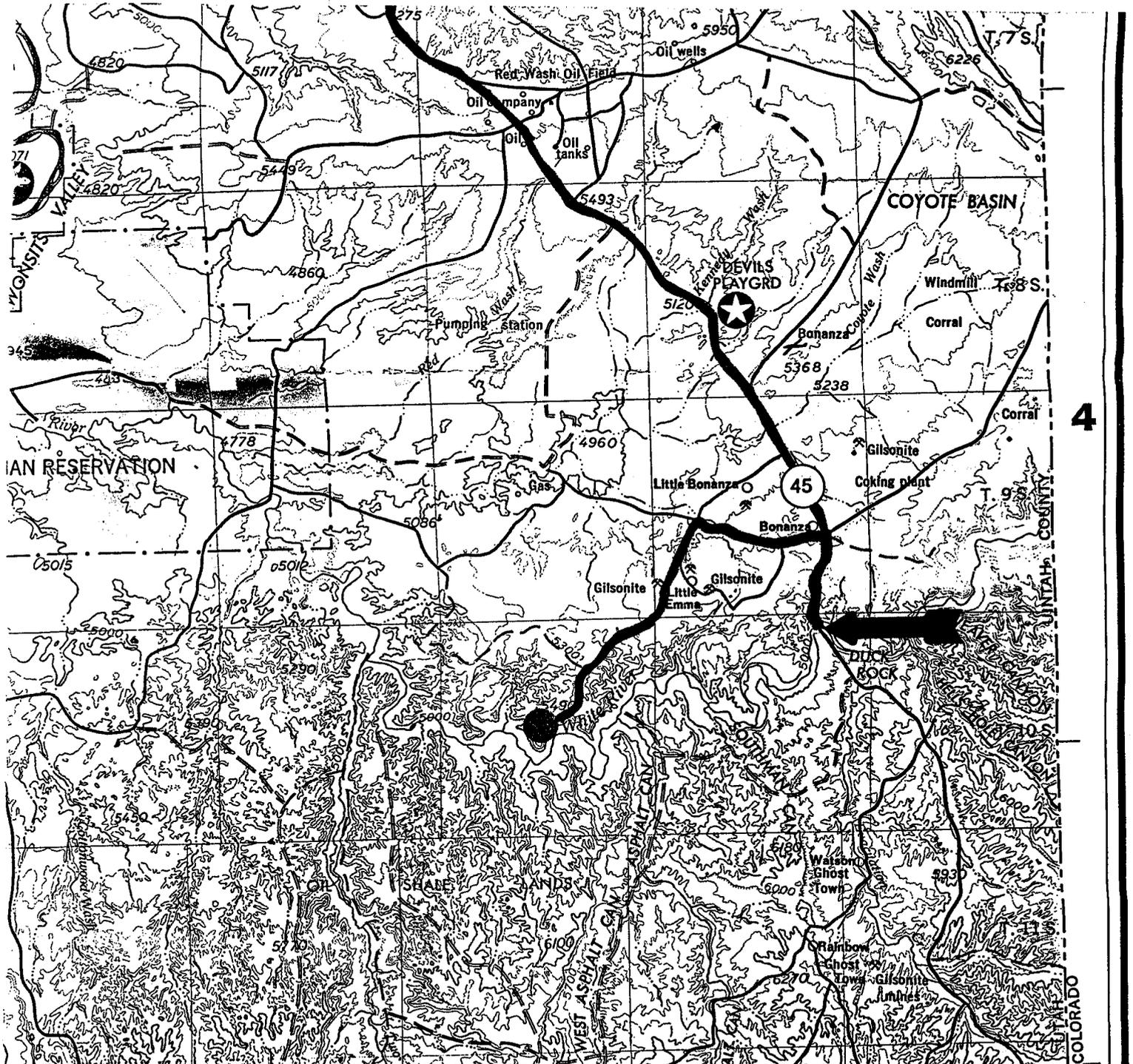


Proposed Well: ●

Access Route: ~~~~~

Water Source: ←

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 Uintah County, Utah



Proposed Well: ●

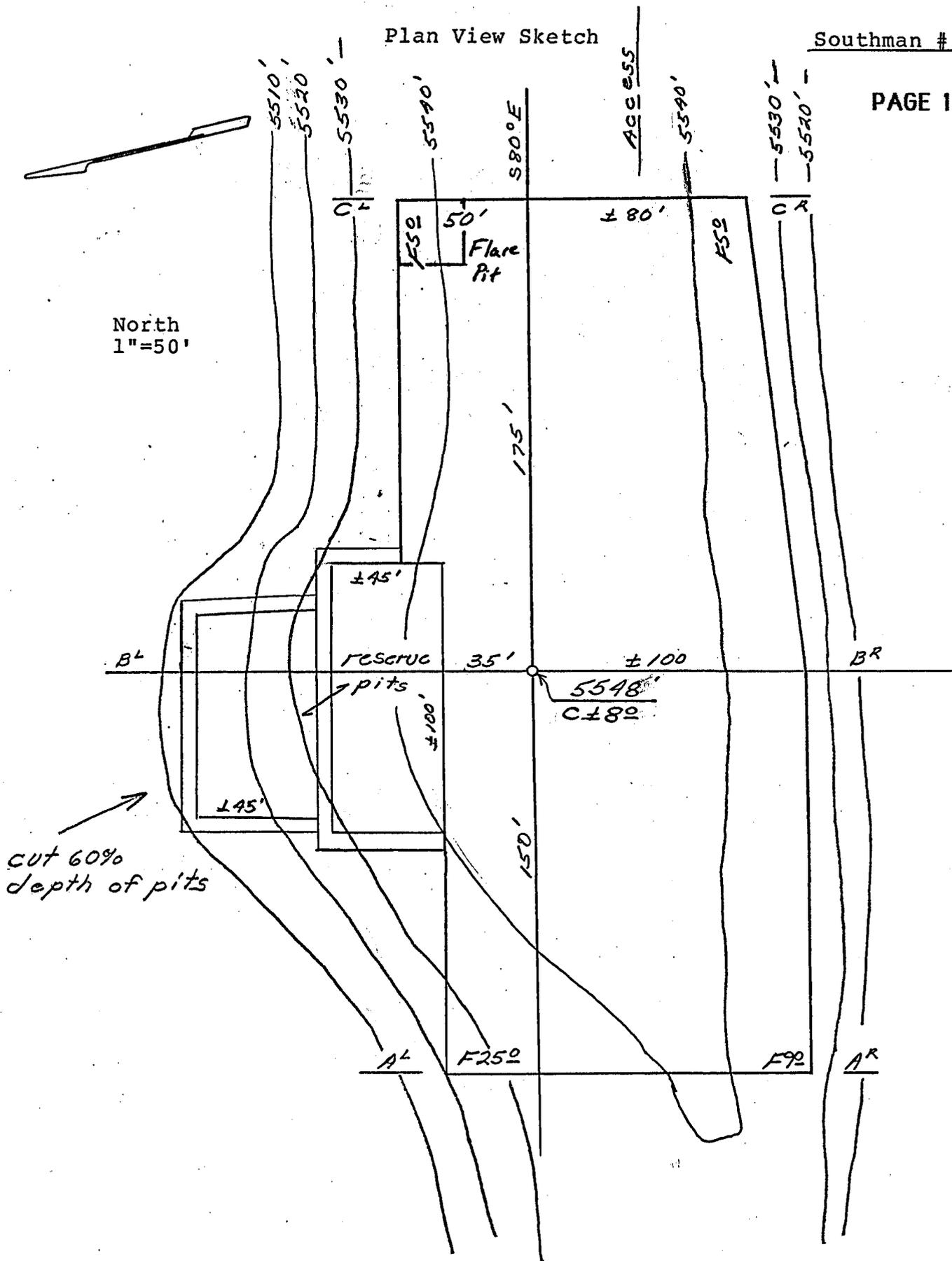
Access Route: ~

Water Source: ←

Plan View Sketch

Southman # 1-21

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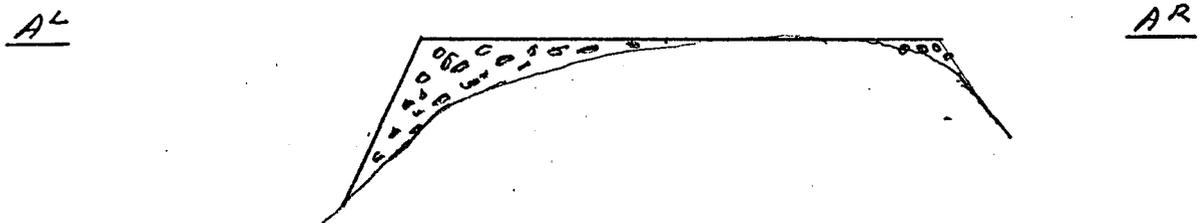
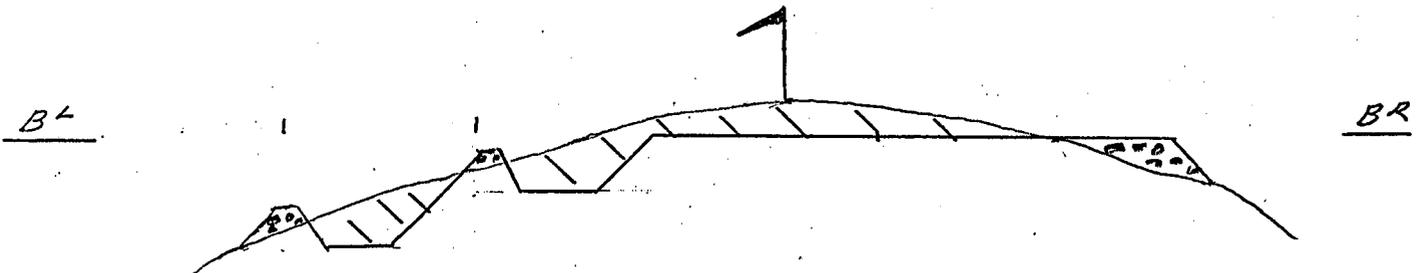
Cross Section

Southman # 1-21

Cut   
Fill 

1"=50' Horz. & Vert.

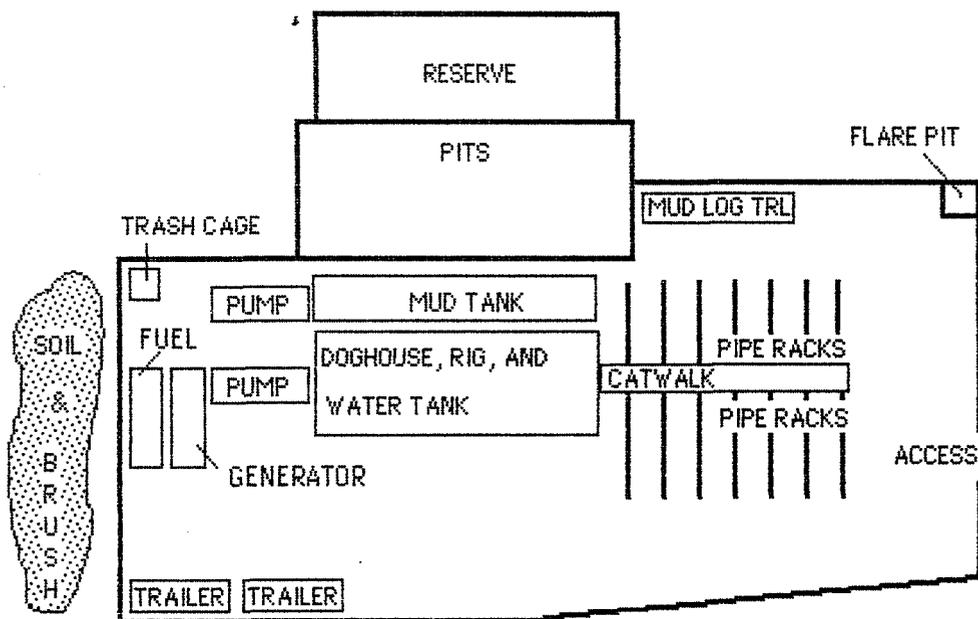
PAGE 19



Samedan Oil Corporation  
Southman Canyon 1-21  
830' FNL & 540' FEL  
Sec. 21, T. 10 S., R. 23 E.  
Uintah County, Utah

PAGE 20

NORTH



OPERATOR Samedan Oil Corporation DATE 9-26-88

WELL NAME Southman Canyon 1-21

SEC NENE 21 T 10S R 23E COUNTY Wintah

43-047-31855  
API NUMBER

Fed.  
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Nearest well ok under Cause 179-3  
Need water permit  
11-3-88 Change of location requested. spacing ok under Cause 179-3.  
9-29-89 loc. chg. from 2040' FNL, 730' FEL. (SENE)

APPROVAL LETTER:

SPACING:  R615-2-3 \_\_\_\_\_ UNIT

R615-3-2

179-3 7-22-81  
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1- Water Permit



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

October 3, 1988

Samedan Oil Corporation  
1616 Glenarm Place, Suite 2550  
Denver, Colorado 80202

Gentlemen:

Re: Southman Canyon 1-21 - NE NE Sec. 21, T. 10S, R. 23E - Uintah County, Utah  
830' FNL, 540' FEL

Approval to drill the referenced well is hereby granted in accordance with the Order of Cause No. 179-3 dated July 22, 1981 subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form OGC-8-X.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

Page 2  
Samedan Oil Corporation  
Southman Canyon 1-21  
October 3, 1988

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31855.

Sincerely,

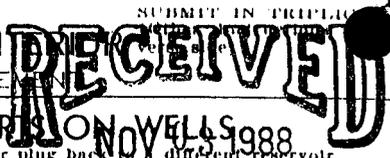


R. J. Firth  
Associate Director, Oil & Gas

lr  
Enclosures  
cc: Branch of Fluid Minerals  
D. R. Nielson  
8159T

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE



Form approved by  
Project Plans of the BLM  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS 1988  
(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 **Samedan Oil Corporation** (303) 534-0677

3. ADDRESS OF OPERATOR **1616 Glenarm Place, Suite 2550, Denver, Co. 80202**

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

**Surface: 2040' FNL @ 730' FEL (SENE) Bottom: Same**

DIVISION OF  
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO. **U-43170**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME **N/A**

7. UNIT AGREEMENT NAME **N/A**

8. FARM OR LEASE NAME **Southman Canyon**

9. WELL NO. **1-21**

10. FIELD AND POOL, OR WILDCAT **Natural Buttes**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA **21-10s-23e SLBM**

12. COUNTY OR PARISH **Uintah** 13. STATE **Utah**

14. PERMIT NO. **43-047-31855**

15. ELEVATIONS (Show whether DF, RT, GR, etc.) **5,508' BR**

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 PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) <input type="checkbox"/>	<b>Move location</b> <input checked="" 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.)\*

Well moved from 830' FNL & 540' FEL to less visible location. Well is still an orthodox location. No change in downhole program. New plat, map, plan view, cross sections, and well layout are attached.

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

SIGNED *Brian Wood* TITLE Consultant DATE 10-28-88

(This space for Federal or State office use)

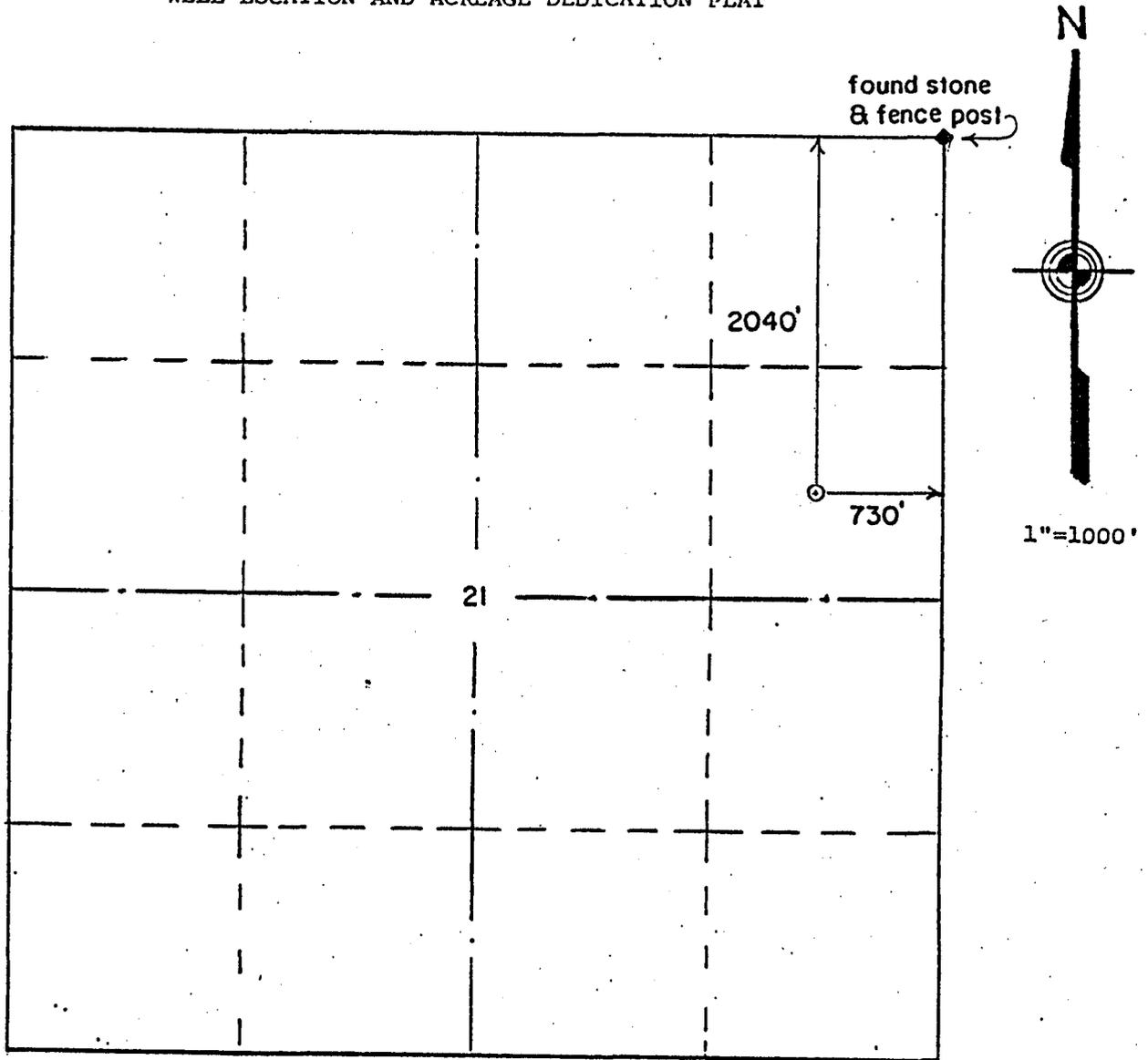
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

cc: Brune, BLM(3), UDOGM(2)

11-8-88  
\*See Instructions on Reverse Side

WELL LOCATION AND ACREAGE DEDICATION PLAT



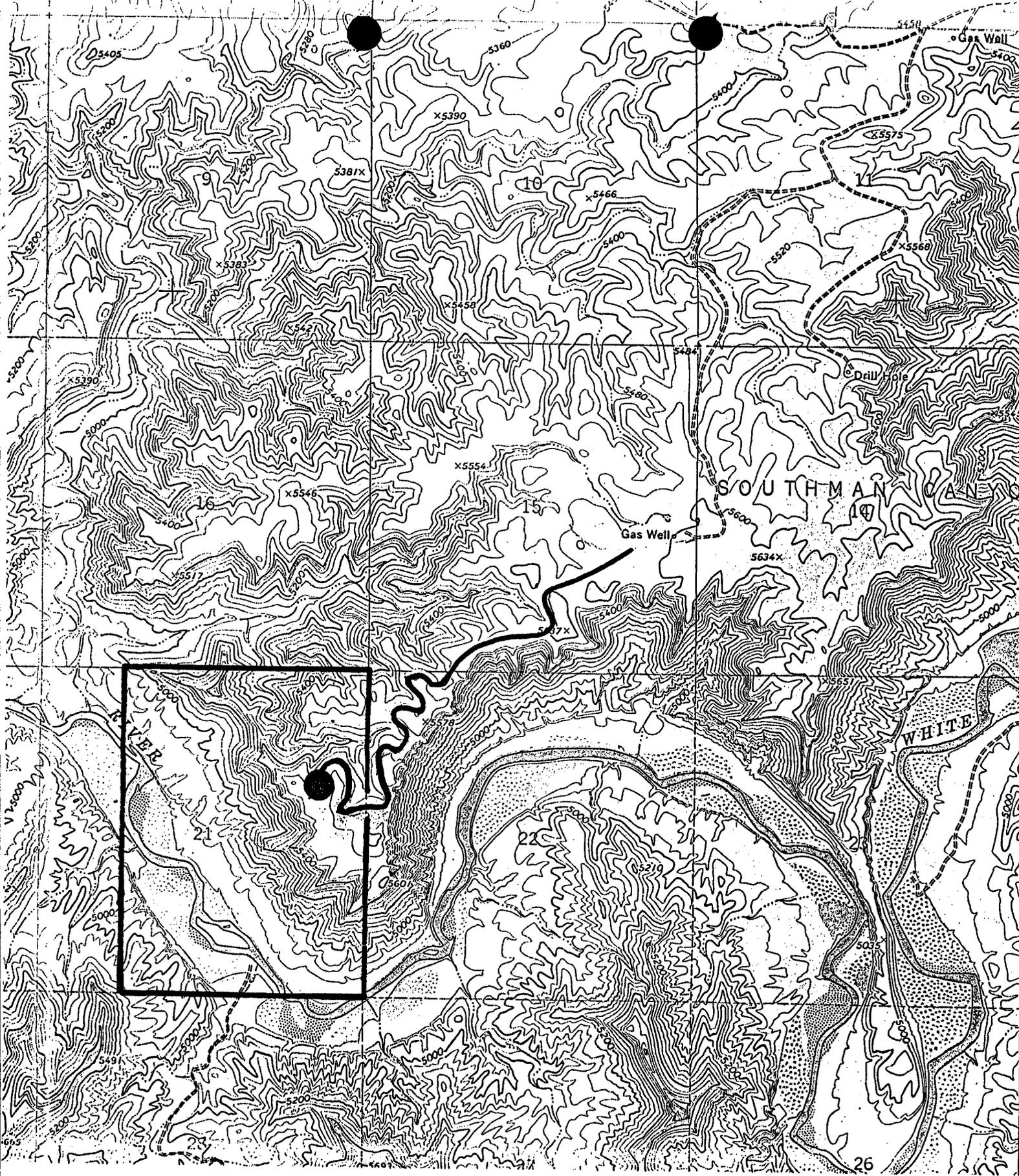
WELL LOCATION DESCRIPTION:  
Samedan Oil, Southman #1-21  
2040'FNL & 730'FEL  
Section 21, T.10 S., R.23 E., SLM  
Uintah County, Utah  
5508' ground elevation  
Alternate: 830'FNL & 540'FEL, 5548' grd.



The above plat is true and correct to my knowledge and belief.

24 October 1988

*Gerald G. Huddleston*  
Gerald G. Huddleston, LS



Proposed Well: ●

New Road: ~~~~~

Lease U-43170: 

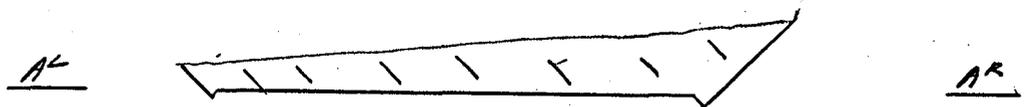
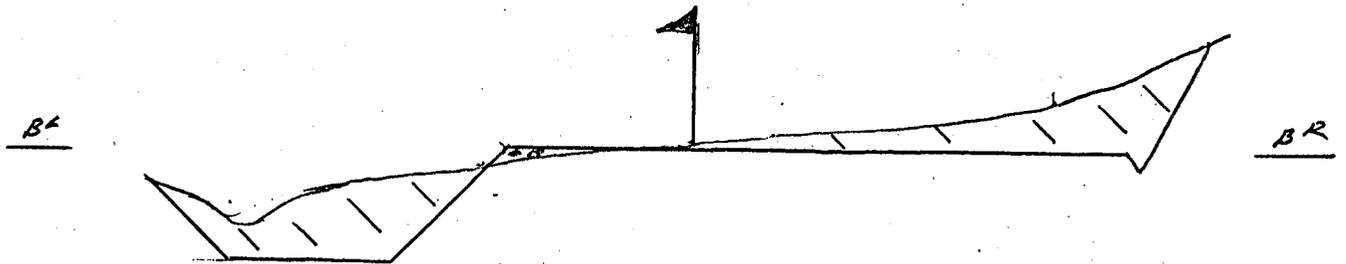
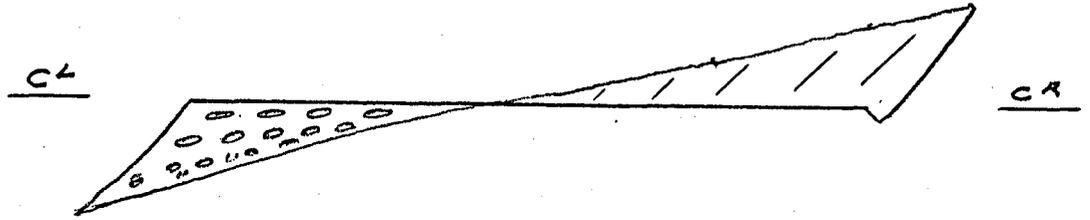


Cross Section

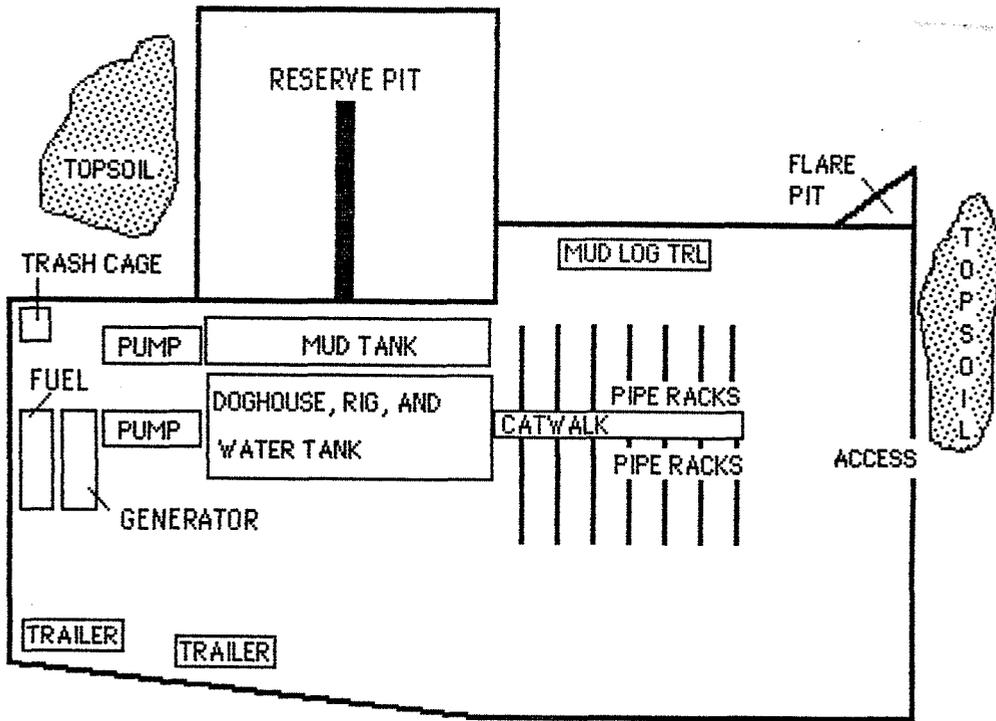
Southman #1-21

Cut *////*  
Fill

1"=50' Horz. & Vert.



SAMEDAN OIL CORPORATION'S SOUTHMAN CANYON 1-21 WELL LAYOUT  
2040' FNL & 730' FEL SEC. 21, T. 10 S., R. 23 E.  
UINTAH COUNTY, UTAH



RECEIVED

DEC 29 1988

FILING FOR WATER IN THE STATE OF UTAH

WATER RIGHTS

APPLICATION TO APPROPRIATE WATER

REC. BY [Signature]
Fee Rec. 30.00
Receipt # 24990
Microfilmed
Roll #

DIVISION OF OIL, GAS & MINING

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Title 73, Chapter 3 of the Utah Code Annotated (1953, as amended).

TEMPORARY

\* WATER RIGHT NO. 45 - 5329

\* APPLICATION NO. A T63568

1. \* PRIORITY OF RIGHT: September 26, 1988 \* FILING DATE: September 26, 1988

2. OWNER INFORMATION

Name(s): Samedan Oil Corporation c/o Permits West, Inc. \* Interest: %
Address: 37 Verano Loop (505) 984-8120
City: Santa Fe State: NM Zip Code: 87505
Is the land owned by the applicant? Yes No XXX
(If "No", please explain in EXPLANATORY section.)

3. QUANTITY OF WATER: cfs and/or Two ac-ft

4. SOURCE: White River \* DRAINAGE:
which is tributary to Green River
which is tributary to Colorado River

POINT(S) OF DIVERSION: COUNTY: Uintah
South 2,200 feet and West 1,800 feet from the NE corner of Sec. 2, T. 10 S., R. 24 E., SLBM

Description of Diverting Works: Water will be pumped directly into 85 bbl tank trucks.
\* COMMON DESCRIPTION: 3 mi. South of Bonanza

5. POINT(S) OF REDIVERSION
The water will be rediverted from N/A at a point:

Description of Rediverting Works:

6. POINT(S) OF RETURN
The amount of water consumed will be N/A cfs or ac-ft
The amount of water returned will be cfs or ac-ft
The water will be returned to the natural stream/source at a point(s):

7. STORAGE
Reservoir Name: N/A Storage Period: from to
Capacity: ac-ft. Inundated Area: acres
Height of dam: feet
Legal description of inundated area by 40 acre tract(s):

\* These items are to be completed by the Division of Water Rights

Appropriate

8. List any other water rights which will supplement this application \_\_\_\_\_  
Application supplements downstream irrigators, industrial, grazers, and other users' rights \_\_\_\_\_

9. NATURE AND PERIOD OF USE

Irrigation: From \_\_\_\_\_ to \_\_\_\_\_  
Stockwatering: From \_\_\_\_\_ to \_\_\_\_\_  
Domestic: From \_\_\_\_\_ to \_\_\_\_\_  
Municipal: From \_\_\_\_\_ to \_\_\_\_\_  
Mining: From \_\_\_\_\_ to \_\_\_\_\_  
Power: From \_\_\_\_\_ to \_\_\_\_\_  
Other: From Oct. 31, 1988 to Oct. 30, 1989

10. PURPOSE AND EXTENT OF USE

Irrigation: \_\_\_\_\_ acres. Sole supply of \_\_\_\_\_ acres.  
Stockwatering (number and kind): \_\_\_\_\_  
Domestic: \_\_\_\_\_ Families and/or \_\_\_\_\_ Persons  
Municipal (name): \_\_\_\_\_  
Mining: \_\_\_\_\_ Mining District in the \_\_\_\_\_ Mine  
Ores mined: \_\_\_\_\_  
Power: Plant name: \_\_\_\_\_ Type: \_\_\_\_\_ Capacity: \_\_\_\_\_  
Other (describe): Water will be used for oil well drilling mud, dust control, compaction, etc.

11. PLACE OF USE

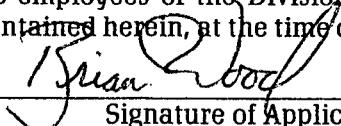
Legal description of place of use by 40 acre tract(s): \_\_\_\_\_  
South 830' and West 540' from the NE corner of Sec. 21, T. 10 S., R. 23 E., SLBM at the Southman 1-21  
gas well (NENE 21-10s-23e) on BLM land.  
43-047-31855-D-1.

12. EXPLANATORY

The following is set forth to define more clearly the full purpose of this application. (Use additional pages of same size if necessary): From #2: Land is owned by Uintah County. Dale Peterson of Uintah County Building and Zoning Dept. has granted permission to pump water from this site.

\*\*\*\*\*

The applicant(s) hereby acknowledges that he/she/they are a citizen(s) of the United States of America or intends to become such a citizen(s). The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purposes herein described. The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

  
\_\_\_\_\_  
Signature of Applicant(s)

STATE ENGINEER'S ENDORSEMENT

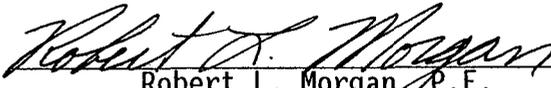
WATER RIGHT NUMBER: 45 - 5329

APPLICATION NO. T63568

1. September 26, 1988 Application received by LK.
  2. December 9, 1988 Application designated for APPROVAL by RWL and KLJ.
  3. Comments:
- 
- 

Conditions:

This application is hereby APPROVED, dated December 22, 1988, subject to prior rights and this application will expire on December 22, 1989.

  
Robert L. Morgan, P.E.  
State Engineer

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Budget Bureau No. 1004-0133  
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.)

5. LEASE DESIGNATION AND SERIAL NO.

U-43170

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Southman Canyon

9. WELL NO.

1-21

10. FIELD AND POOL, OR WILDCAT

Natural Buttes

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

21-10s-23e SLBM

12. COUNTY OR PARISH

Utah

13. STATE

Ut.

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

Samedan Oil Corporation (303) 534-0677

3. ADDRESS OF OPERATOR

1616 Glenarm Place, Suite 2550, Denver, Colorado

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

RECEIVED  
SEP 27 1989

Surface: 2025' FNL & 270' FEL (SENE) Bottom: Same

14. PERMIT NO.

43-047-31855

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

5,526' ungraded ground

12. COUNTY OR PARISH

Utah

13. STATE

Ut.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

Move & Renew

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

(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.)

- Request that well be moved from 2040 FN & 730 FE to 2025 FN & 270 FE because of peregrine falcon concerns. Move triggers exception request because new location is unorthodox.
- Federal lease is E2W2 & E2 Section 21, T. 10 S., R. 23 E., Uintah County, Utah.
- Request exception to Rule 302 because of topography. US Fish & Wildlife Service requests that well be located 600' back from White River cliff rim to protect peregrine falcons. Exception is to lease line (Samedan is lessee of offsetting federal lease), not to another well.
  - Orthodox well could be drilled at 2040 FN & 730 FE, but would be just 200' from cliff rim.
  - Request permission to drill at 2025' FNL & 270' FEL 21-10s-23e, Uintah County, Utah.
  - No existing wells offset the proposed exception. Samedan is lessee of all 8 offsetting undrilled quarter-quarters.
  - & e) Samedan is the lessee or operator of all lands and drilling units within a minimum 2,025' radius.
- Request that state APD approval be renewed for at least another 6 months.

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

SIGNED

*Brian Wood*

TITLE

Consultant

DATE

9-24-89

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

cc: BLM(3), Bruna(3), UDOGM(2)

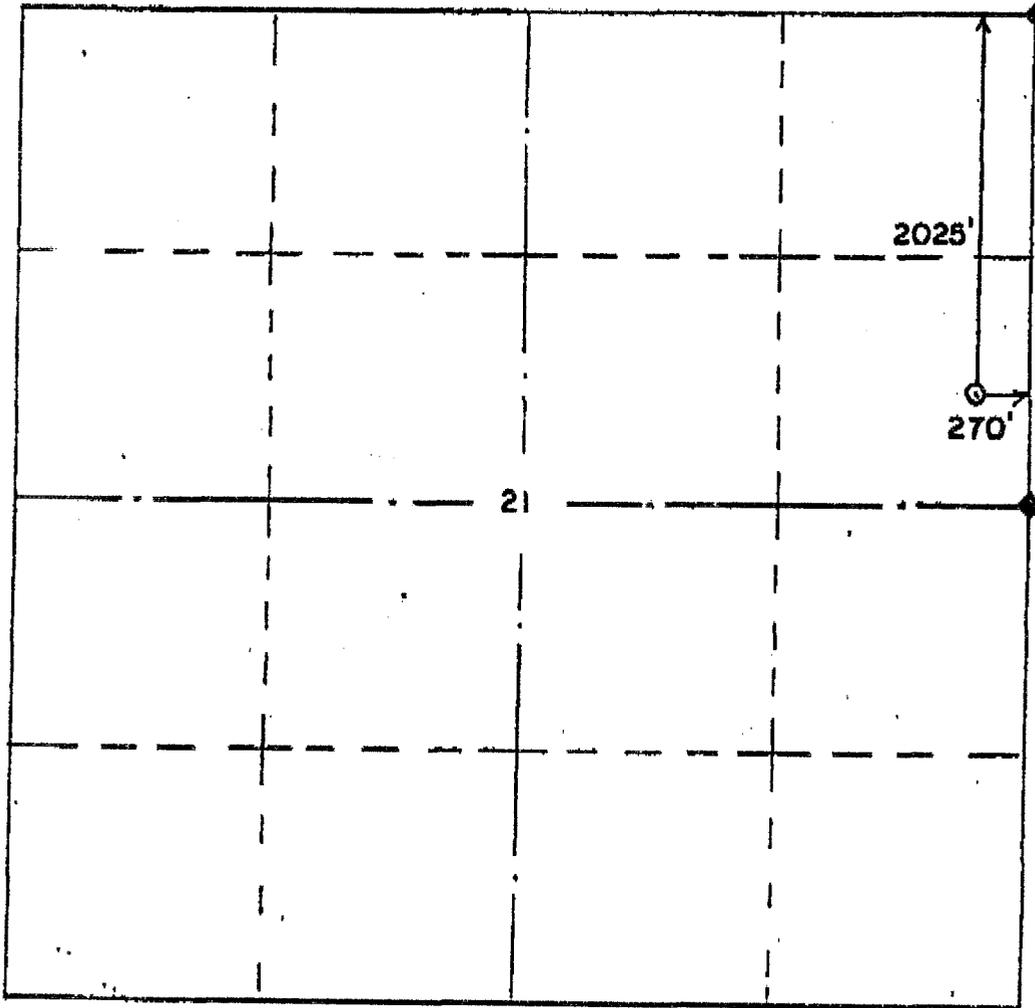
\*See Instructions on Reverse Side

9-29-89

*John R. Bay*

APD Approval extended until 10-3-90.

WELL LOCATION AND ACREAGE DEDICATION PLAT



1"=1000'

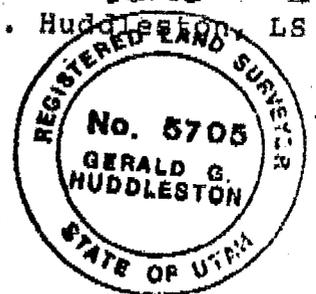
◆ found stone fence post

WELL LOCATION DESCRIPTION:  
Samedan Oil, Southman #1-21  
2025' FNL & 270' FEL  
Section 21, T.10 S., R.23 E., SLM  
Uintah County, Utah  
5526' ground elevation  
Alternate: 2040' FNL & 730' FEL

The above plat is true and correct my knowledge and belief.

21 September 1989

*Gerald G. Huddleston*  
Gerald G. Huddleston, LS

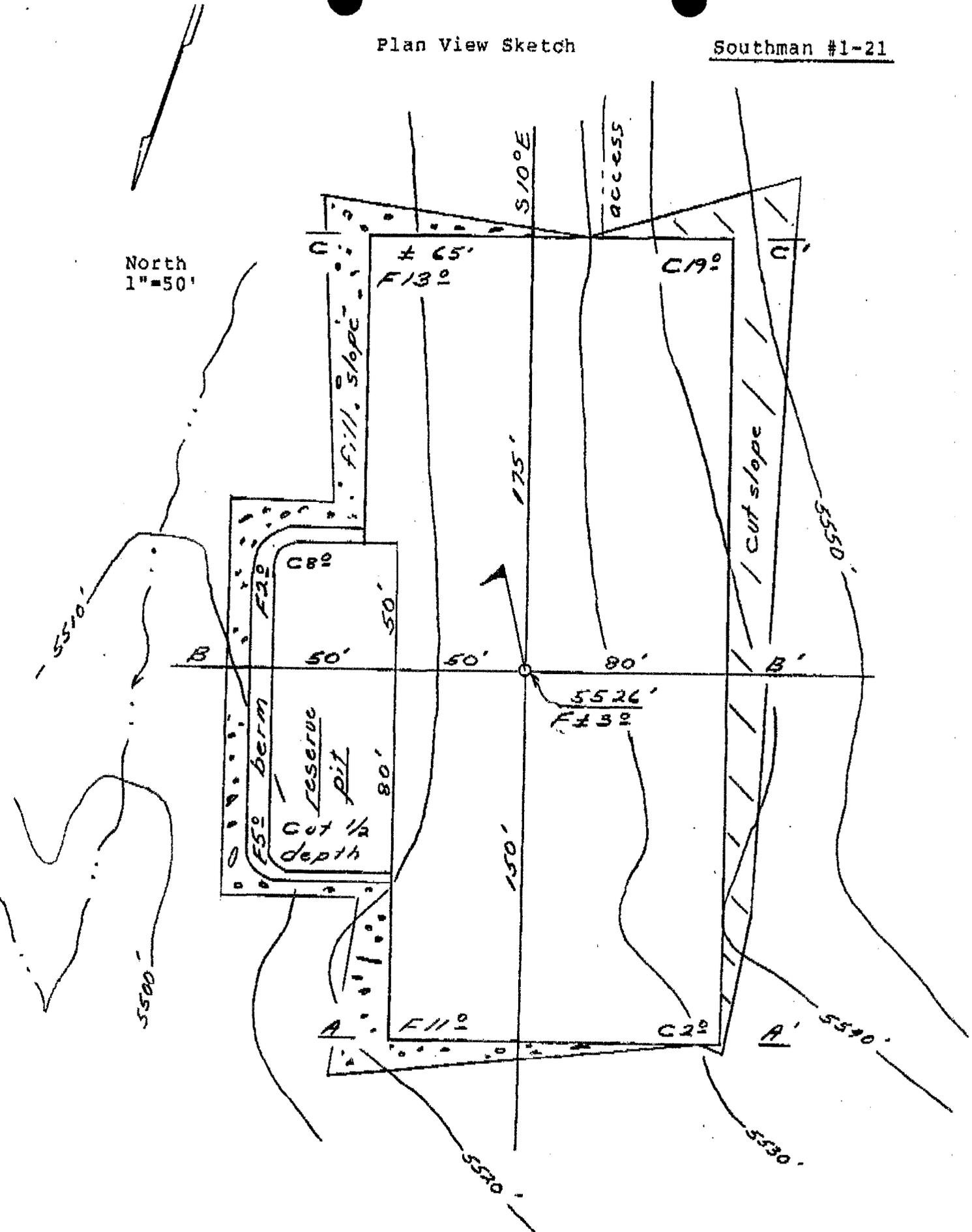


213 East Montezuma Avenue • Cortez, Colorado 81321 • 303-565-3330

# Plan View Sketch

# Southman #1-21

North  
1"=50'

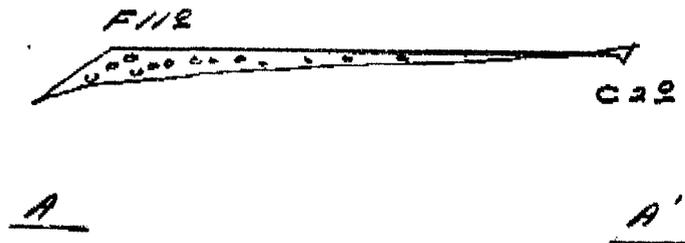
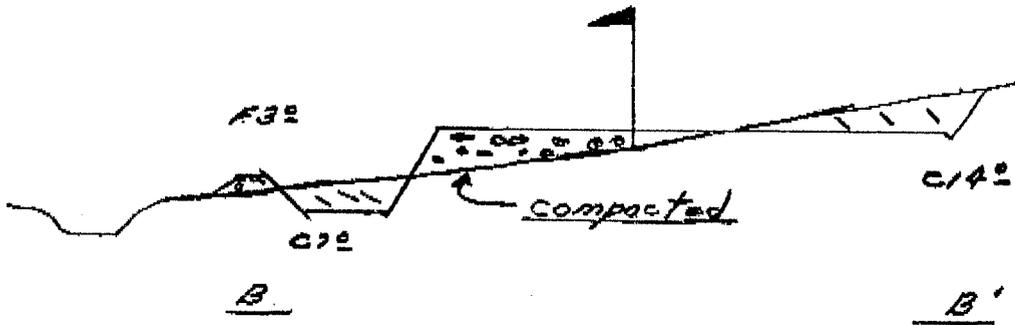
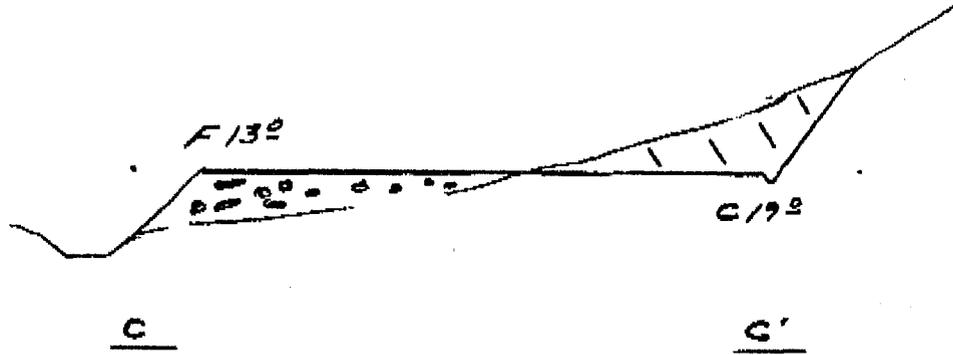


Cross Section

Southman #1-21

Cut *////*  
Fill *••*

1"=50' Horz. & Vert.





R/W U-47488: .....

Amendment: - - -

Lease: 

Well: 

IN THE MATTER OF THE APPLICATION )  
OF SNYDER OIL COMPANY FOR AN ORDER )  
ESTABLISHING 320 ACRE DRILLING )  
AND SPACING UNITS FOR THE MESA )  
VERDE FORMATION FOR GAS PRODUCTION )  
UNDERLYING SECTION 21, TOWNSHIP 10 )  
SOUTH, RANGE 23 EAST, UINTAH COUNTY, )  
UTAH )

ORDER

CAUSE NO. 179-3

Pursuant to the Notice of Hearing dated July 1, 1981, of the Board of Oil, Gas and Mining, Department of Natural Resources of the State of Utah, said cause came on for hearing on Wednesday, July 22, 1981, at 9:00 a.m., in the Division of Wildlife Resources Auditorium, 1596 West North Temple, Salt Lake City, Utah.

The following members of the Board were present:

Charles R. Henderson, Chairman, Presiding

John L. Bell

Margaret Bird

Robert Norman

Also present were:

Cleon B. Feight, Director, Division of Oil, Gas and Mining

Michael Minder, Petroleum Engineer, Division of Oil, Gas and Mining

Appearances were made as follows:

For Snyder Oil Company      Lloyd Edwards

Attorneys for Snyder Oil Company      Ray, Quinney & Nebeker  
By Alan A. Enke, Esq.

Witnesses on behalf of Snyder Oil Company      Lloyd Edwards  
Jim McCormick

NOW, THEREFORE, the Board having considered the testimony of the witnesses and the exhibits received at said hearing and being fully advised in the premises, now makes and enters the following:

FINDINGS

1. Due and regular notice of the time, place and purpose of the hearing was given to all interested parties as required by law and the rules and regulations of the Board.

2. The Board has jurisdiction over the matters covered by said Notice and over all parties interested therein and has jurisdiction to make and promulgate any Orders hereinafter set forth.

3. The Mesa Verde Formation is a common source of supply of gas underlying the following described tract of land:

Township 10 South, Range 23 East, S.L.M.

Section 21: All

4. In the interests of conservation and the prevention of waste, and for the protection of the correlative rights of the various operators and owners of oil and gas interests within the above described area, and to prevent the drilling of unnecessary wells, the Board should enter an order establishing stand-up 320 acre drilling and spacing units (east half and west half of said section), running in a north-south direction, for the development of the Mesa Verde Formation for the production of gas underlying the above described area, and providing that no more than one gas well shall be drilled and produced from the said Mesa Verde Formation on any such unit.

5. Because of a stipulation under Federal Oil and Gas Lease U-43170 which limits surface occupancy, the Board should establish a well location for the E/2 Drilling Unit in the NE/4 NE/4 not less than 660 feet from the north line and 500 feet from the east line of the Northeast Quarter of said Section 21.

6. The Board should have the right administratively to make exceptions to the well location as established in Paragraph 5

above when it appears that there are adequate reasons because of topographical and other structure problems in the area.

ORDER

IT IS THEREFORE ORDERED:

To prevent waste of oil, gas and associated hydrocarbons, to avoid the drilling of unnecessary wells, to protect correlative rights and to establish drilling units of uniform size and shape for the promotion of more orderly development of the lands described in Paragraph 3 above, the following Orders are hereby promulgated to govern operations in said area effective as of July 22, 1981:

A. That upon the effective date any and all Orders of the Board heretofore promulgated which are inconsistent with the Orders herein set forth shall be and are hereby vacated.

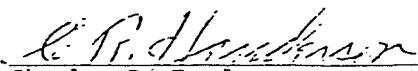
B. That the drilling units as set forth in Paragraphs 4 and 5 above are hereby established for the development and production of gas from the Mesa Verde Formation underlying the lands described in Paragraph 3 above.

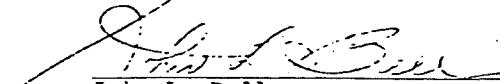
C. That the Board may by administration make exceptions to the well locations described in Paragraph 5 above in the event that topographical and other structural variations so require.

D. That the Board retains exclusive continuing jurisdictions of all matters covered by this Order and of all parties affected thereby and particularly that the Board retains and reserves exclusive and continuing jurisdiction to make further orders as appropriate as authorized by statute and applicable regulations.

ENTERED THIS 22<sup>nd</sup> DAY OF July, 1981.

BOARD OF OIL, GAS AND MINING  
OF STATE OF UTAH

  
Charles R. Henderson

  
John L. Bell

C. Ray Juvelin

*Margaret R. Bird*

Margaret R. Bird

*E. Steele McIntyre*

E. Steele McIntyre

Edward T. Beck

*Herm Olsen*

Herm Olsen



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

October 18, 1991

Samedan Oil Corporation  
1660 Lincoln Street #3000  
Denver, Colorado 80264

Gentlemen:

Re: Southman Canyon 1-21, Sec. 21, T. 10S, R. 23E, Uintah County, Utah  
API No. 43-047-31855

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded, effective immediately.

Please note that a new Application for Permit to Drill must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

Don Staley  
Administrative Supervisor  
Oil and Gas

DME/lde  
cc: R.J. Firth  
Well file  
WOI219

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
OIL AND GAS INSPECTION RECORD

OPERATOR: SAMEDAN OIL CORPORATION LEASE: U-43170  
WELL NAME: SOUTHMAN CANYON 1-21 API: 43-047-31855  
SEC/TWP/RNG: 21 10.0 S 23.0 E CONTRACTOR:  
COUNTY: UINTAH FIELD NAME: NATURAL BUTTES

DRILLING/COMPLETION/WORKOVER:

<input type="checkbox"/> APD	<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> BOPE
<input type="checkbox"/> SAFETY	<input type="checkbox"/> POLLUTION CNTL	<input type="checkbox"/> SURFACE USE	<input type="checkbox"/> PITS
<input type="checkbox"/> OPERATIONS	<input type="checkbox"/> OTHER		

SHUT-IN \_ / TA \_:

<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> EQUIPMENT *	<input type="checkbox"/> SAFETY
<input type="checkbox"/> OTHER			

ABANDONED:

<input type="checkbox"/> MARKER	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> REHAB	<input type="checkbox"/> Y OTHER
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PRODUCTION:

<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> EQUIPMENT *	<input type="checkbox"/> FACILITIES *
<input type="checkbox"/> METERING *	<input type="checkbox"/> POLLUTION CNTL	<input type="checkbox"/> PITS	<input type="checkbox"/> DISPOSAL
<input type="checkbox"/> SECURITY	<input type="checkbox"/> SAFETY	<input type="checkbox"/> OTHER	

GAS DISPOSITION:

<input type="checkbox"/> VENTED/FLARED	<input type="checkbox"/> SOLD	<input type="checkbox"/> LEASE USE
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LEGEND: Y = YES/SATISFACTORY N = NO/UNSATISFACTORY A = NOT APPLICABLE

\*FACILITIES INSPECTED:

REMARKS:

NO VISISBLE DISTURBANCE NOTICED.

ACTION:

INSPECTOR: CAROL KUBLY

DATE: 09/10/91

APDs Older than One Year BUT Not Reported as Spudded

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OPERATOR: FIRST ZONE PRODUCTION INC CONFIDENTIAL? ( )  
 WELL NAME: FZ 22-2 API NUMBER: 43-019-31283  
 LEASE TYPE: FED LOCATION: SEC22-T21S-R23E  
 DATE APPROVED: 01/17/89 APD EXTENDED TO: / /

COMMENTS: \_\_\_\_\_

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OPERATOR: FIRST ZONE PRODUCTION INC CONFIDENTIAL? ( )  
 WELL NAME: FIRST ZONE 22-3 API NUMBER: 43-019-31284  
 LEASE TYPE: FED LOCATION: SEC22-T21S-R23E  
 DATE APPROVED: 01/17/89 APD EXTENDED TO: / /

COMMENTS: \_\_\_\_\_

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OPERATOR: LAB ENERGY INC CONFIDENTIAL? ( )  
 WELL NAME: LAB ENERGY 17-10 (RE-ENTER) API NUMBER: 43-045-30017  
 LEASE TYPE: FED LOCATION: SEC17-T07S-R04W  
 DATE APPROVED: 05/26/87 APD EXTENDED TO: / /

COMMENTS: \_\_\_\_\_

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OPERATOR: LOMAX EXPLORATION COMPANY CONFIDENTIAL? ( )  
 WELL NAME: MONUMENT FEDERAL 8-35 API NUMBER: 43-013-31263  
 LEASE TYPE: FED LOCATION: SEC35-T08S-R16E  
 DATE APPROVED: 02/09/90 APD EXTENDED TO: 02/09/91

COMMENTS: \_\_\_\_\_

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OPERATOR: SAMEDAN OIL CORPORATION CONFIDENTIAL? ( )  
 WELL NAME: SOUTHMAN CANYON 1-21 API NUMBER: 43-047-31855  
 LEASE TYPE: FED LOCATION: SEC21-T10S-R23E  
 DATE APPROVED: 10/03/88 APD EXTENDED TO: 10/03/90

COMMENTS: NO BLM APPROVAL -> LA'D 10-18-91 (APD EXPIRED)

Per Marjie

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OPERATOR: SANTA FE ENERGY COMPANY CONFIDENTIAL? ( )  
 WELL NAME: HILL CREEK FEDERAL 1-28 API NUMBER: 43-047-31876  
 LEASE TYPE: FED LOCATION: SEC28-T10S-R20E  
 DATE APPROVED: 09/22/89 APD EXTENDED TO: / /

COMMENTS: NO BLM APPROVAL -> LA'D 10-18-91 (APD EXPIRED)

Per Marjie