

UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE FILED **11-23-82**  
 LAND FEE & PATENTED STATE LEASE NO PUBLIC LEASE NO **U-29929** INDIAN

DRILLING APPROVED **12-6-82**

SPUDDED IN:  
 COMPLETED: PUT TO PRODUCING

INITIAL PRODUCTION:  
 GRAVITY API:  
 GOR:

PRODUCING ZONES:  
 TOTAL DEPTH:

WELL ELEVATION: **4439' GW**

DATE ABANDONED: **2-1-85 Application suspended**

FIELD: **3/86 WILDCAT**

UNIT:  
 COUNTY: **SAN JUAN**

WELL NO **WOODENSHOE FEDERAL # 1-11** API NO. **43-037-30855**

LOCATION **1830** FT. FROM (N)  LINE, **1830** FT. FROM (E)  LINE **SW NE** 1/4 - 1/4 SEC **11**

TWP.	RGE.	SEC.	OPERATOR
<b>36S</b>	<b>17E</b>	<b>11</b>	<b>SUN EXPLORATION CO.</b>

TWP.	RGE.	SEC.	OPERATOR
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND FEDERAL NO. RECEIVED  
Federal # U-29929

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Nov 29 1982

7. UNIT AGREEMENT NAME  
SALT LAKE CITY, UTAH  
Woodenshoe Federal Unit

8. FARM OR LEASE NAME  
Woodenshoe Federal

9. WELL NO.  
1-11

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
7365  
Section 11- T36N- R17E

12. COUNTY  
San Juan

13. STATE  
Utah

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  
SUN EXPLORATION AND PRODUCTION COMPANY

3. ADDRESS OF OPERATOR  
P. O. BOX 340180, DALLAS, TEXAS 75234

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
1830' FNL and 1830' FEL (SW NE)  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 37 miles northwest of Blanding, Utah

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
1830 feet

16. NO. OF ACRES IN LEASE  
160 acres

17. NO. OF ACRES ASSIGNED TO THIS WELL  
160 acres

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
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19. PROPOSED DEPTH  
5500 feet

20. ROTARY OR CABLE TOOLS  
Rotary

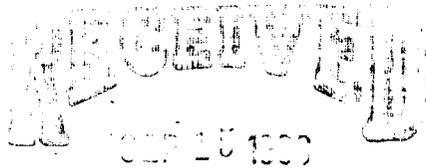
21. ELEVATIONS (Show whether SURF., GR., etc.)  
7439 feet

22. APPROX. DATE WORK WILL START\*  
December 15, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36# K-55	1000'	750 SXS
8-3/4"	5-1/2"	15.5#, K-55	5500'	590 SXS

SEE ATTACHED GEOLOGIC, ENGINEERING AND LAND USE PLAN



DIVISION OF  
OIL, GAS & MINING

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

24. SIGNED Janey L. Sullivan TITLE Administrative Secretary DATE November 23, 1982  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY [Signature] TITLE District Mgr. DATE 8/9/82  
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL  
State 0 & 6 J. H. W.

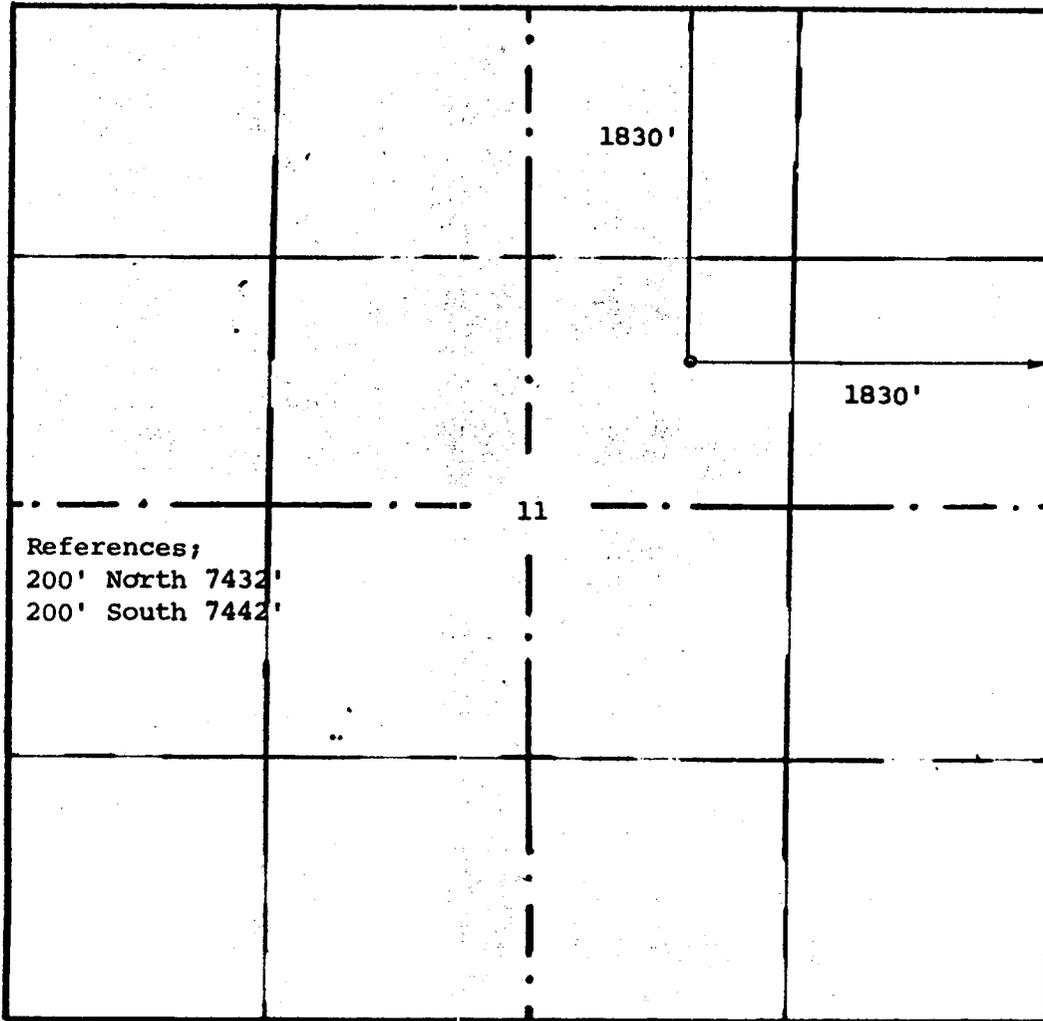
CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

FLARING OR VENTING OF  
GAS IS SUBJECT TO NTL-4-A  
DATED 1/1/80



POWERS ELEVATION

Well Location Plat



1"=1000'

Operator Sun Exploration & Production		Well name #1-11 Woodenshoe	
Section 11	Township 36 South	Range 17 East	Meridian Salt Lake
Footages 1830'FNL & 1830'FEL			County/State San Juan Utah
Elevation 7439'	Requested by Jane Sullivan		
<p>The above plat is true and correct to the best of my knowledge and belief.</p> <p>8 Oct. 1982</p> <p style="text-align: right;"><i>Gerald G. Huddleston</i> Gerald G. Huddleston, L.S. Utah Exception</p>			

Sun Exploration and Production Company  
Well No. 1-11  
Section 11, T36S, R17E  
San Juan, Utah  
Lease U-29929

### Supplementary Stipulations

#### Construction

1. The operator will give the dirt contractor a copy of the Surface Use Plan and any additional BLM stipulations before any work.
2. The San Juan County Road Department (801) 587-2231, extension 43, will be contacted before county roads are used.
3. Records will be checked and the appropriate individuals contacted to insure that the well is not drilled through a mine shaft. Uranium mining has occurred elsewhere under Deer Flat.
4. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the San Juan Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they are subject to prosecution for disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs. An archaeologist approved by BLM and hired by the operator will monitor construction of the pad and road.
5. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
6. The top eight inches of topsoil will be saved.
7. The relief is gentle with a maximum cut of eight feet and fill of six feet on the pad

#### Reclamation

8. The pad will be recontoured to a natural shape if it is a dry hole. Unused portions of the pad will be recontoured and revegetated if it is a producer.
9. The county road will be narrowed and reclaimed after drilling is completed.
10. The operator or his contractor will contact the BLM office in Monticello, Utah, (801) 587-2201, 48 hours before starting reclamation work that involves earthmoving equipment and upon completion of restoration measures.
11. All disturbed areas will be recontoured to blend as nearly as possible with the natural topography. This includes removing all berms

and refilling all cuts.

12. The stockpiled topsoil will be spread evenly over the disturbed area.

13. All disturbed areas will be scarified with the contour to a depth of 12 inches.

14. Water bars will be built as follows to control erosion.

<u>Grade</u>	<u>Spacing</u>
2%	Every 200 feet
2-4%	Every 100 feet
4-5%	Every 75 feet
5+%	Every 50 feet

15. Seed will be broadcast between October 1 and February 28th with the following prescription. When broadcast seeding, a harrow or similar implement will be dragged over the seeded area to assure seed cover.

- 2 lbs/acre Indian ricegrass (Oryzopsis heymenoides)
- 2 lbs/acre Fourwing saltbush (Atriplex canescens)
- 4 lbs/acre Crested wheatgrass (Agropyron desertorum)
- 2 lbs/acre Sagebrush

16. After seeding is complete, the stockpiled trees will be scattered evenly over the disturbed areas. The access will be blocked to prevent vehicular access. Existing access will be narrowed.

17. No dry hole marker will be installed.

#### Production

18. If production results, the treater and tank battery will be placed outside the WSA boundary. A buried pipeline will transport the fluids to the production facility.

19. If production results, the facilities will be painted a neutral earth tone color and all engines will be muffled.

#### Mineral Stipulation

20. Adequate and sufficient electric/radioactive logs will be run to locate and identify salt in the paradox formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore on the salt resource. Surface casing program may require adjustment for protection of fresh water aquifers.



**Sun Exploration  
Company**  
4600 North Fuller Drive  
Irving Texas 75062  
Post Office Box 340180  
Dallas Texas 75234  
214 258 4000  
Telex 73 2469  
TWX: 910 860 5769

November 23, 1982

U.S. DEPARTMENT OF THE INTERIOR  
Minerals Management Service  
Attention: Edgar Guynn, District Engineer  
8425 Federal Bldg.  
125 South State Street  
Salt Lake City, Utah 84138

Dear Mr. Guynn:

SUBJECT: Woodenshoe Federal #1-11  
1830' FNL and 1830' FEL  
SW/4 NE/4 Section 11- T36N- R17E  
San Juan County, Utah

Enclosed for your consideration are three (3) copies of Sun Exploration and Production Company's Application for Permit to Drill (Form 9-331-C) with attached NTL-6 (Detailed Plan of Operations).

Should you require any additional information or clarification of the attachments, please call me at 214/258-4495.

Sincerely,

SUN EXPLORATION COMPANY

*Janey L. Sullivan*  
Janey L. Sullivan

cc: B.L.M., Monticello, Utah  
M.M.S., Durango, Colorado  
Forest Service, Monticello, Utah  
State of Utah, Div. of Oil, Gas and Mining ✓  
Utah Dept. of Transportation  
Canyonlands National Park, Moab, Utah  
R. L. Harris  
Rick Maerz  
Charles Mangum  
George Peyton  
Lyle Kornkven  
Deszee Hajdu  
Well File  
Permit File

7

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
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b. TYPE OF WELL  
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2. NAME OF OPERATOR  
SUN EXPLORATION AND PRODUCTION COMPANY

3. ADDRESS OF OPERATOR  
P. O. BOX 340180, DALLAS, TEXAS 75234

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
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At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 37 miles northwest of Blanding, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1830 feet

16. NO. OF ACRES IN LEASE 160 acres

17. NO. OF ACRES ASSIGNED TO THIS WELL 160 acres

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

19. PROPOSED DEPTH 5500 feet *with*

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether ~~DEPTH~~ GR. ~~WELL~~)  
7439 feet

22. APPROX. DATE WORK WILL START\*  
December 15, 1982

5. LEASE DESIGNATION AND SERIAL NO.  
Federal # U-29929

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Woodenshoe Federal Unit

8. FARM OR LEASE NAME  
Woodenshoe Federal

9. WELL NO.  
1-11

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 11- T36<sup>S</sup>- R17E

12. COUNTY ~~OF~~ <sup>UTAH</sup> 13. STATE  
San Juan Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36# K-55	1000'	750 SXS
8-3/4"	5-1/2"	15.5#, K-55	5500'	590 SXS

SEE ATTACHED GEOLOGIC, ENGINEERING AND LAND USE PLAN

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 12-6-82  
BY: *Thomas A. Stewart*

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 *Janey L. Sullivan* TITLE Administrative Secretary DATE November 23, 1982  
*Janey L. Sullivan*

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

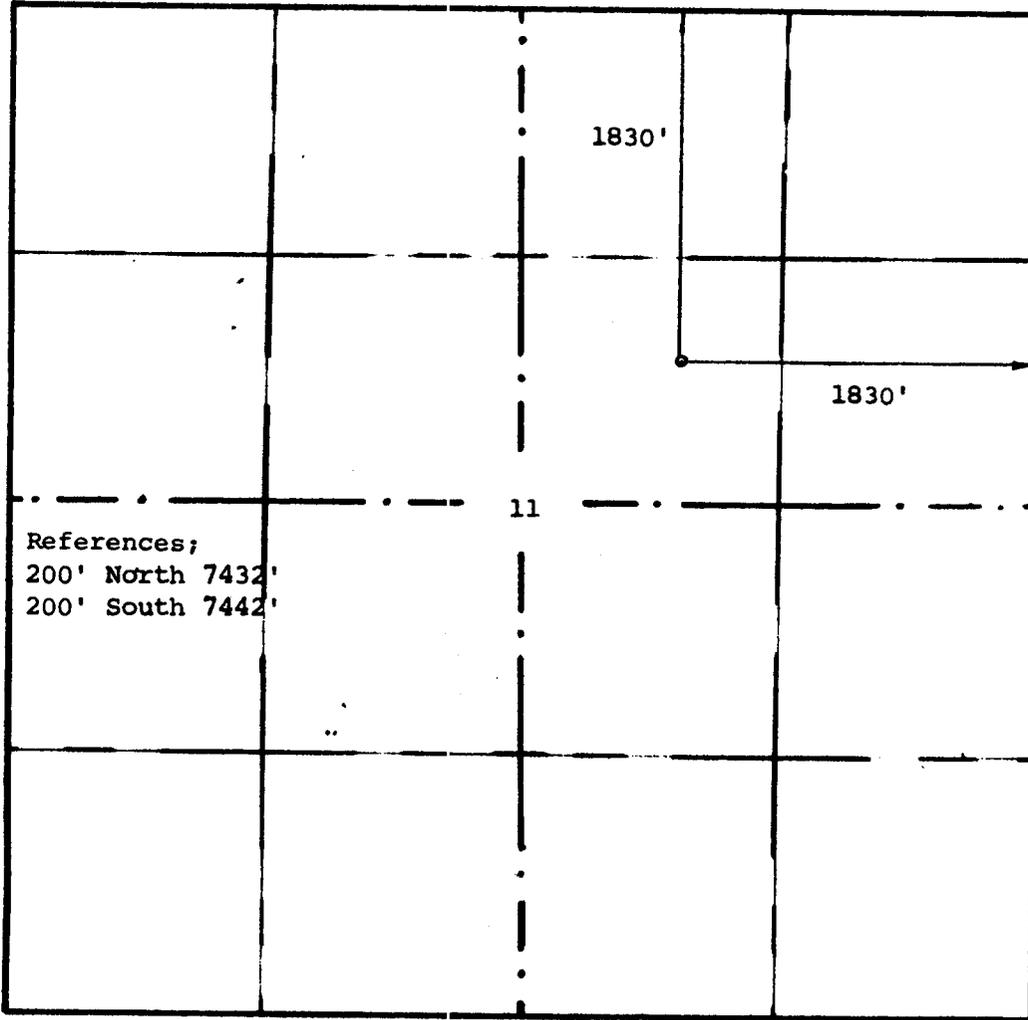
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



POWERS ELEVATION

Well Location Plat



1"=1000'

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Elevation 7439'	Requested by Jane Sullivan		
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TEN-POINT COMPLIANCE PROGRAM  
OF NTL-6 APPROVAL OF OPERATIONS

SUN EXPLORATION COMPANY  
 Woodenshoe Federal #1-11  
 1830' FNL and 1830' FEL  
 SW/4 NE/4 Section 11- T36S- R17E  
 San Juan County, Utah

1. THE GEOLOGIC SURFACE FORMATION

The surface formation is: Cutler

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

Cutler	Surface
Honaker Trail	2600'
Ismay	3100'
Desert Creek	3300'
Akah	3450'
Salt (95 net feet)	3475'
Pinkerton Trail	4000'
Molas	4300'
Leadville	4500'
Ouray	4850'
Elbert	5000'
McCracken	5150'
Aneth	5230'
Total Depth	5500'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

Ismay	3100'	Oil
Desert Creek	3300'	Oil
Leadville	4500'	Oil
McCracken	5150'	Oil

4. THE PROPOSED CASING PROGRAM

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>SECTION LENGTH</u>	<u>SIZE</u>	<u>WEIGHT, GRADE &amp; JOINT</u>	<u>NEW OR USED</u>
	0- 60'	60'	18"	Conductor Pipe	---
12-1/4"	0-1000'	1000'	9-5/8"	36#, K-55, STC	New
8-3/4"	0-5500'	5500'	5-1/2"	15.5#, K-55, LTC	New
8-3/4"	0-5500'	5500'	2-7/8"	6.5#, J-55, EUE	New

4. THE PROPOSED CASING PROGRAM (continued)

Cement Program:

<u>Csg. Size</u>	<u>Collar</u>	<u>Shoe</u>	<u>Sx</u>	<u>Slurry Description</u>	<u>Yield</u>	<u>Weight</u>	<u>Est. Top</u>
9-5/8"	FC	GS	200	Lite cmt. w/10# sk Gilsonite + 1/4#/sk Flocele	1.44	12.4	Sfc.
		Tail:	200	Class H + 2% CaCl <sub>2</sub> + 1/4#/sk Flocele	1.18	15.6	
5-1/2"	FC	FS	625	Class B w/18% Salt + 0.5% CFR-2 Precede with 15 bbls SAM-5 spacer	1.22	15.9	3350'
Alternate 2-Stage, DV Tool							
5-1/2"	FC	FS	600	<u>Stage I:</u> Class B + 18% salt + 0.5% CFR-2	1.22	15.9	3550'
			240	<u>Stage II:</u> Class B + 18% salt + 0.5% CFR-2 Precede Stage I with 10 bbls SAM-5 spacer	1.18	15.6	2000'

5. THE OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

EXHIBIT "A" is a complete diagram of the blowout preventer equipment. The BOP's will be hydraulically tested to half of working pressure after nipping up and after any use under pressure. Pipe rams will be operationally checked each 24-hour period, as will blind rams and annular preventer each time pipe is pulled out of the hole. Such checks of BOP will be noted on daily drilling reports.

Accessories to BOP will include an upper and lower kelly cock, floor safety valve, drill string BOP and choke manifold with pressure rating equivalent to the BOP stack.

6. THE TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATING MUDS

Mud system will be gel-chemical with adequate stocks of sorptive agents on site to handle possible spills of fuel and oil on the surface. Heavier muds will be on location to be added if pressure requires.

<u>Depth</u>	<u>Type</u>	<u>Weight #/gal.</u>	<u>Viscosity sec./qt.</u>	<u>Fluid Loss cc.</u>
0-1000'	FW/Spud	8.4- 8.6	As required	N/C
1000/3000	FW	8.4- 8.6	As required	N/C
3000/3475	FW/Gel	8.6- 9.0	34-40	15
3475/5500	Unsat. Salt Mud	9.0- 9.5	34-40	15

7. THE AUXILIARY EQUIPMENT TO BE USED

- (a) A kelly cock will be kept in the string.
- (b) A float will not be used at the bit.
- (c) A continuous 2-man logging unit and gas detecting device will be monitoring the system.
- (d) A stabbing valve will be on the floor to be stabbed into the drill pipe when kelly is not in the string.



MULTI-POINT REQUIREMENTS TO ACCOMPANY A.P.D.

SURFACE USE PLAN

1. EXISTING ROADS

- A. The proposed well site and elevation plat is shown as EXHIBIT "B". Staking included two directional reference stakes and elevations, also shown in EXHIBIT "B".
- B. The nearest town is Blanding, Utah, an approximate 37 miles from well site. From Blanding's Shirt Tail Junction, take Highway 95 west 6 miles to the Cottonwood Creek road; proceed to the north 0.7 miles to County Road 24. Take two lane County Road 24 west  $\pm$ 16 miles to Bears Ear turn off. Proceed west (not on County Road 24)  $\pm$ 11 miles to Deer Flat.
- C. All roads are color-coded on EXHIBIT "C".
- D. This is an exploratory oil well. All existing roads within a three-mile radius are shown on EXHIBIT "C".
- E. N/A
- F. Improvement to existing roads will be necessary and will be limited to a total disturbed width of 20 feet. No surfacing material will be placed on the access road. (Should the need arise, BLM approval will be acquired in advance.) Roads will be reconstructed in accordance with BLM stipulations. Maintenance will be performed as required.

2. PLANNED ACCESS ROADS

Maps showing all necessary roads to be constructed or reconstructed are shown in EXHIBIT "D" for the following:

- (1) The maximum width of 1/4 mile of new access road required for drilling will 20 feet. (Total disturbed width)
- (2) The grade will be 4%.
- (3) No turnouts are planned.
- (4) No drainage design is planned during drilling operations.
- (5) No culverts are planned.
- (6) New access road will be built in accordance with B.L.M. stipulations. No construction material will be required.
- (7) No gates, fence cuts or cattleguards will be installed.
- (8) The new access road to be constructed was centerline flagged during staking. This road does cross B.L.M. lands, as shown in EXHIBIT "D".

2. PLANNED ACCESS ROADS (continued)

B. Production

- (1) If production is obtained, access roads shall be upgraded to meet B.L.M. Class III road specifications.

3. LOCATION OF EXISTING WELLS

- (1) There are no water wells within a two-mile radius of this location.
- (2) There are no abandoned wells in this two-mile radius.
- (3) There are no temporarily abandoned wells.
- (4) There are no disposal wells.
- (5) There are no wells presently being drilled.
- (6) There are no producing wells within this two-mile radius.
- (7) There are no shut-in wells.
- (8) There are no injection wells.
- (9) There are no monitoring or observation wells for other uses.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. There are no existing facilities owned or controlled by Sun Exploration and Production Company or other lessee/operator within a one-mile radius of location.

- (1) Tank Batteries: None
- (2) Production Facilities: None
- (3) Oil Gathering Lines: None
- (4) Gas Gathering Lines: None
- (5) Injection Lines: None
- (6) Disposal Lines: None

- B. If production is obtained, new facilities will be as follows:

- (1) Production facilities will be located on solid ground of cut area of drill pad, as shown on EXHIBIT "E".
- (2) All well flow lines will be buried and will be on the well site.
- (3) Production facilities will be 190 feet long and 180 feet wide areas. All above-ground production facilities will be painted neutral color to be approved by B.L.M. Engines will be muffled.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

B. (continued)

- (4) Construction materials for battery site and pad will be obtained from site.
  - (5) Reserve pit and that portion of the location and access not needed for production facilities will be reclaimed as described in the reclamation section. Enough topsoil will be kept to reclaim the remainder of the location at a future date. This remaining stockpile of topsoil will be seeded in place using prescribed B.L.M. seed mixture.
- C. Rehabilitation, whether well is productive or dry, will be made on all unused areas in accordance with B.L.M. stipulations.

5. LOCATION AND TYPE OF WATER SOURCE

- A. Water will be obtained from spring on adjacent property owned by Cloyd Johnson upon approval of temporary use permit from Utah State Engineer and permission from the surface owner. The spring is located on a line between Sections 3 and 4, T36S- R17E, San Juan County, Utah.
- B. Water will be transferred from spring by truck from the spring to the well site. The distance is approximately 2-1/2 miles.
- C. No water well is to be drilled on this lease.

6. CONSTRUCTION MATERIALS

- A. No construction materials other than surface soil for location or access are needed during drilling.
- B. Surface soil will be used from B.L.M. lands.
- C. Surface soil materials are sufficient for construction of access roads for drilling.
- D. All major access presently exists as shown in EXHIBIT "C".

7. HANDLING OF WATER MATERIALS AND DISPOSAL

- (1) Drill cuttings will be buried in the reserve pit.
- (2) Drilling fluids will be handled in the reserve pit.
- (3) Fluids produced during drilling test or production test will be collected in test tank. If test tank is not available during drilling, fluids will be handled in the reserve pit. Any spills of oil, gas, salt waters or noxious fluids will be cleaned up and removed. If well is productive, produced water will be disposed of on site for 30 days only, or 90 days with permission of District Engineer. After that time, application will be made for approval of permanent disposal method in compliance with NTL-2b.

7. HANDLING OF WASTE MATERIALS AND DISPOSAL (continued)

- (4) Portable chemical facilities will be provided for human waste.
- (5) A trash pit will be constructed near the mud tanks with steep sides and dug at least 6 feet into solid undisturbed material. It will be totally enclosed with fine wire mesh before the rig moves.

Note: (Between May 1 and October 31, a burning permit is required for burning of trash. This may be acquired by contacting the State Fire Warden, John Baker)

The reserve pit will be fenced on three sides with 4 strands of barbed wire before drilling begins. The fourth side will be fenced as soon as the drilling is completed. Fence will be kept in good repair while the pit is drying.

- (6) Immediately on completion of drilling, all trash, debris and adverse materials will be collected and removed from the location and surrounding areas, disposed of in the trash pit and then compacted and buried under a minimum of two feet of compacted soil.

8. ANCILLARY FACILITIES

No air strip, camp or other facilities will be built during drilling of this well.

9. WELL SITE LAYOUT

- (1) EXHIBIT "F" is the Drill Pad Layout as staked, with elevations. Cuts and fills have been drafted to visualize the planned cut across the location spot to deepest part of pad, EXHIBIT "G".  
Topsoil is 8" deep and will be removed from location and stock-piled separate from the trees on the NNW side.
- (2) EXHIBIT "H" is a plan diagram of the proposed rig and equipment, reserve pit, trash/burn pit, pipe racks and mud tanks, access road, parking and turnaround. No permanent living facilities are planned. There will be a trailer on site.
- (3) EXHIBIT "E" is a diagram showing the proposed production facilities layout.
- (4) The reserve pit will not be lined.

10. PLANS FOR RESTORATION

- (1) If well is abandoned, site will be restored to original condition as nearly as possible. Backfilling, leveling and contouring are planned as soon as all pits have dried. Waste disposal and spoils materials will be compacted and then buried under a minimum of two feet of compacted soil immediately after drilling is completed.

10. PLANS FOR RESTORATION (continued)

- (2) The soil banked material will be spread over the areas. Revegetation will be accomplished by planting mixed grasses as per formula provided by the B.L.M. and the Surface owner. Revegetation is recommended for road area, as well as around drill pad.
- (3) Three sides of the reserve pit will be fenced with four strands of barbed wire and the fourth side will be fenced as soon as the drilling is completed. Fence will kept in good repair while pit is drying.
- (4) If any oil is on the pits and is not immediately removed or burned after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
- (5) The rehabilitation operations will begin immediately after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Planting and revegetation will be done when weather is suitable.

11. OTHER INFORMATION

- (1) Specifically, the surrounding area is typically mesa and canyon land topography. The immediate terrain is flat with small rolling hills. Drainage is southwesterly.  
  
Vegetation consists primarily of sage, with some grasses and cacti.  
  
Fauna includes deer, elk and rabbit.
- (2) The primary surface use is for grazing. Access to the location is on B.L.M. land. Surface owner of adjoining property is Cloyd Johnson.
- (3) Only existing water source is pond(s) located on adjacent property owned by Cloyd Johnson.

A complete archaeological, historical and cultural resource study was conducted by Powers Elevation, Archaeological Division. During the field survey, three sites were recorded: 42Sall423, a rubble mound; 42Sall424, a scatter of sandstone rubble and lithic debitage; and 42Sall425, a lithic debitage scatter. Only the first appears to be eligible for inclusion in the National Register of Historic Places. However, none of these will be affected by construction.

An inspection of existing records was also performed for this location which revealed that no sites have been recorded in the project area. Complete report shown as EXHIBIT "I".

- (4) There are no reported restrictions or reservations noted on the oil and gas lease.
- (5) Drilling is planned for mid or late November, 1982. It is anticipated that casing point will be reached within 30 to 35 days after commencement of drilling.

12. LESSEE'S OPERATOR'S REPRESENTATIVE

Ms. Janey L. Sullivan  
SUN EXPLORATION AND PRODUCTION COMPANY  
P. O. Box 340180  
Dallas, Texas 75234  
Phone (214) 258-4495

13. CERTIFICATION

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

Date November 23, 1982

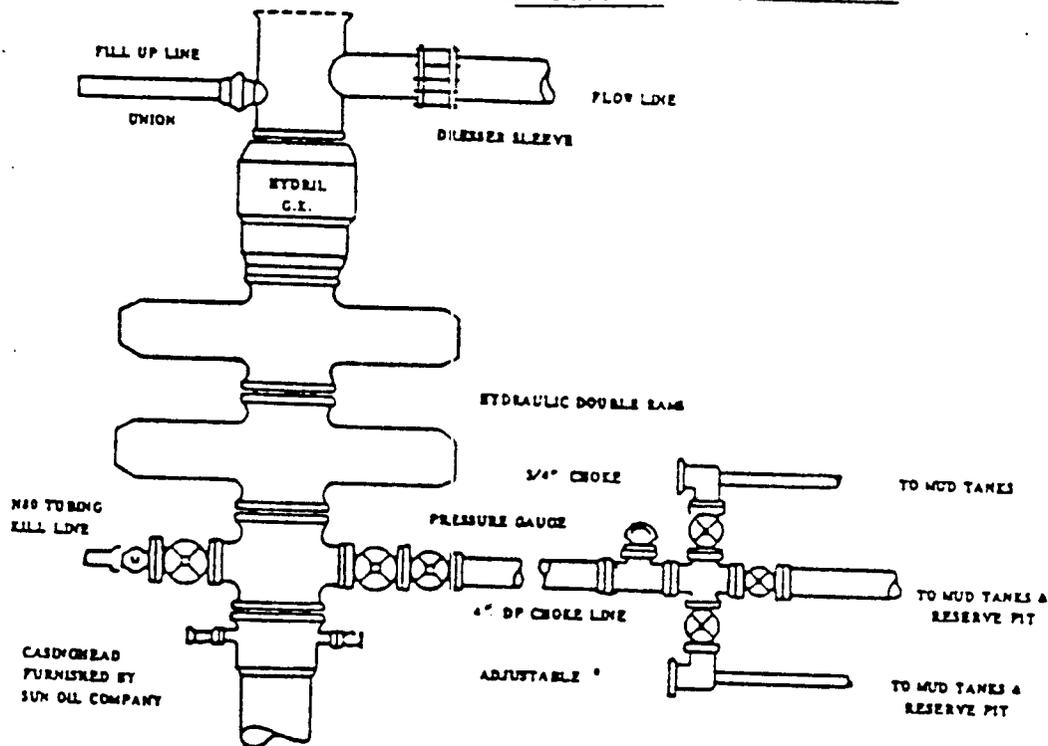


Fred B. Williams  
Manager, Domestic Drilling Division  
SUN EXPLORATION AND PRODUCTION COMPANY

Woodenshoe Federal 1-11  
 Section 11- T36N- R17E  
 San Juan County, Utah  
 SUN EXPLORATION COMPANY

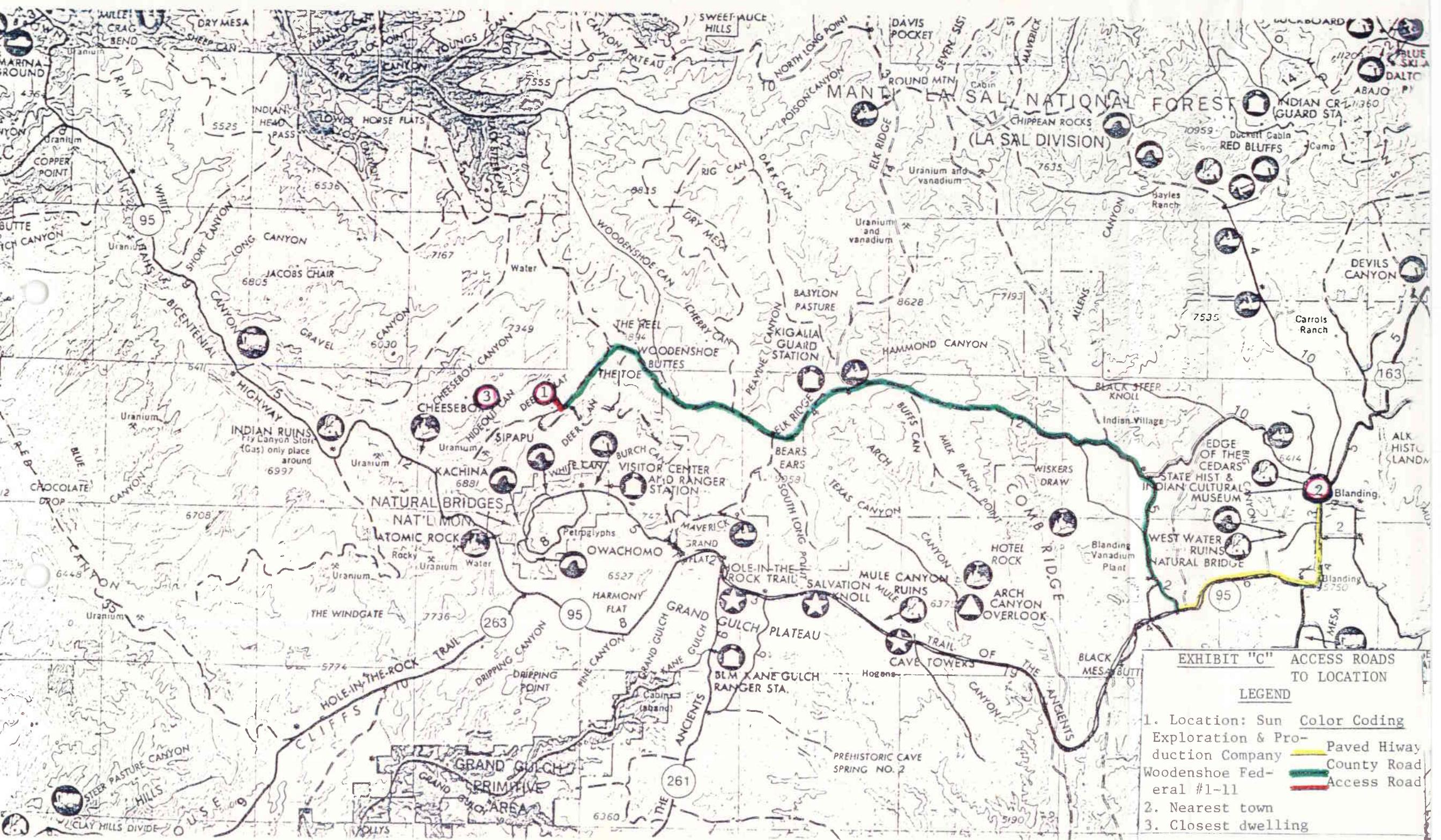
HYDRAULIC BLOWOUT EQUIPMENT HOOKUP "B"

SIZE 10" SERIES \_\_\_\_\_  
 WP 3000 T.P. \_\_\_\_\_



NOTE: Choke manifold shall be out from under derrick floor & raised above ground level. Extra chokes (Sizes 1/4" 1/2"-3/4"-1") shall be maintained on location at all times.

1. Blowout equipment shall be properly installed immediately after surface casing is cemented & immediately after intermediate casing is cemented, & entire assembly shall be ready for any emergency at this time.
2. All flanges, steel valves, gauges, fittings, & lines shall have a minimum working pressure of the Series or pressure rating noted.
3. All hydraulic lines used for operating blowout equipment shall be equipped with Swing joints & have a minimum working pressure of 3000 psi. Hydraulic pressure shall be supplied by a "Payne" or "Hydril" 80-gallon accumulator with hydraulic type oil as a medium.
4. Extension rods & manual operating wheels shall be installed on gates immediately & shall be plainly marked "Pipe Rams" & "Blind Rams".
5. All manifold control valves shall be clearly marked as to designation "Hydril", "Blind Rams" & "Pipe Rams". "Blind Ram" operating valve shall be pinned so that valve cannot be operated until pin or lock is removed.
6. At least two vapor-proof safety lanterns shall be maintained on rig floor at all times.
7. An inside blowout preventer of proper size & pressure rating shall be maintained on rig floor at all times.
8. Blowout equipment shall be closed & inspected each 24 hours & noted on the daily drilling report.
9. Wherever possible, mouse hole to be off-center of hole to allow choke line to run from drilling spool to manifold in a straight line.



**EXHIBIT "C" ACCESS ROADS TO LOCATION**

**LEGEND**

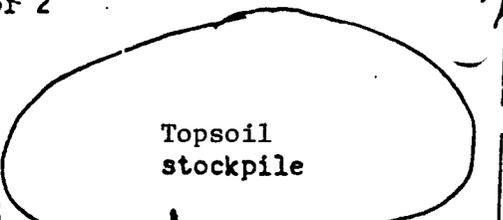
- 1. Location: Sun Color Coding
- Exploration & Production Company Paved Hiway
- Woodenshoe Federal #1-11 County Road
- Access Road
- 2. Nearest town
- 3. Closest dwelling

SUN EXPLORATION AND PRODUCTION COMPANY

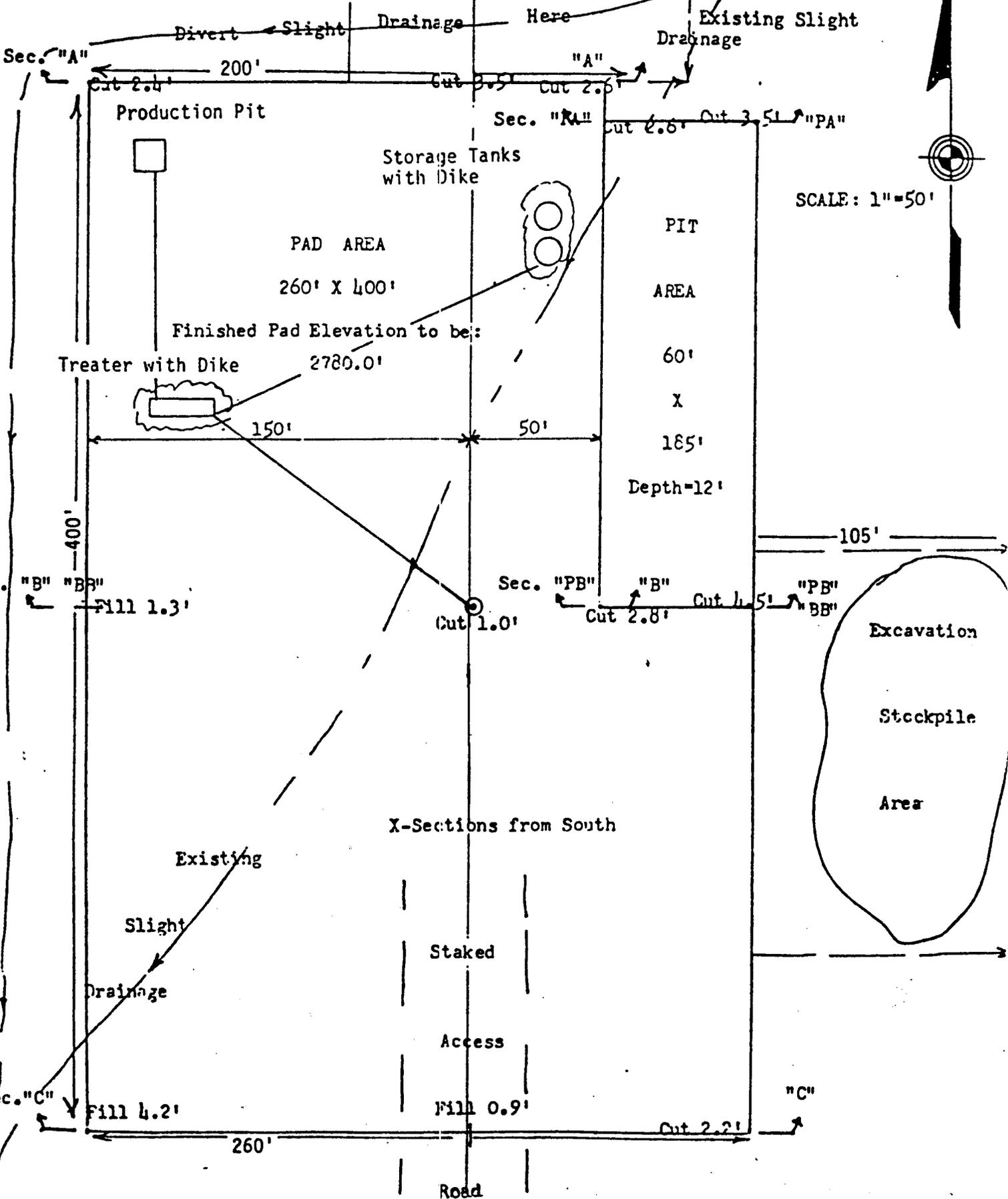
Woodenshoe Federal #1-11  
1830' FNL and 1830' FEL  
SW/4 NE/4 Section 11- T36N- R17E  
San Juan County, Utah

EXHIBIT "E"

Drill Pad Layout  
and  
Production Facilities



Topsoil  
stockpile



Divert Slight Drainage Here Existing Slight Drainage

Sec. "A" 200' "A" Cut 2.4' Cut 2.5' Cut 2.6' "PA" Cut 2.6' Cut 3.5'

Production Pit

Sec. "A" Cut 2.6' Cut 3.5' "PA"

Storage Tanks  
with Dike

PAD AREA  
260' X 400'

PIT  
AREA

SCALE: 1"=50'

Finished Pad Elevation to be:

Treater with Dike 2780.0'

60'  
X  
185'  
Depth=12'

150' 50'

105'

c. "B" "BB" Fill 1.3' Sec. "PB" "B" Cut 1.0' Cut 2.8' Cut 4.5' "PB" "BB"

Excavation  
Stockpile  
Area

X-Sections from South

Existing  
Slight  
Drainage

Staked

Access

Sec. "C" Fill 4.2' 260' "C" Cut 2.2'

Road





Woodenshoe Federal -11  
Section 11- T36N- R17E  
San Juan County, Utah  
**POWERS ELEVATION**

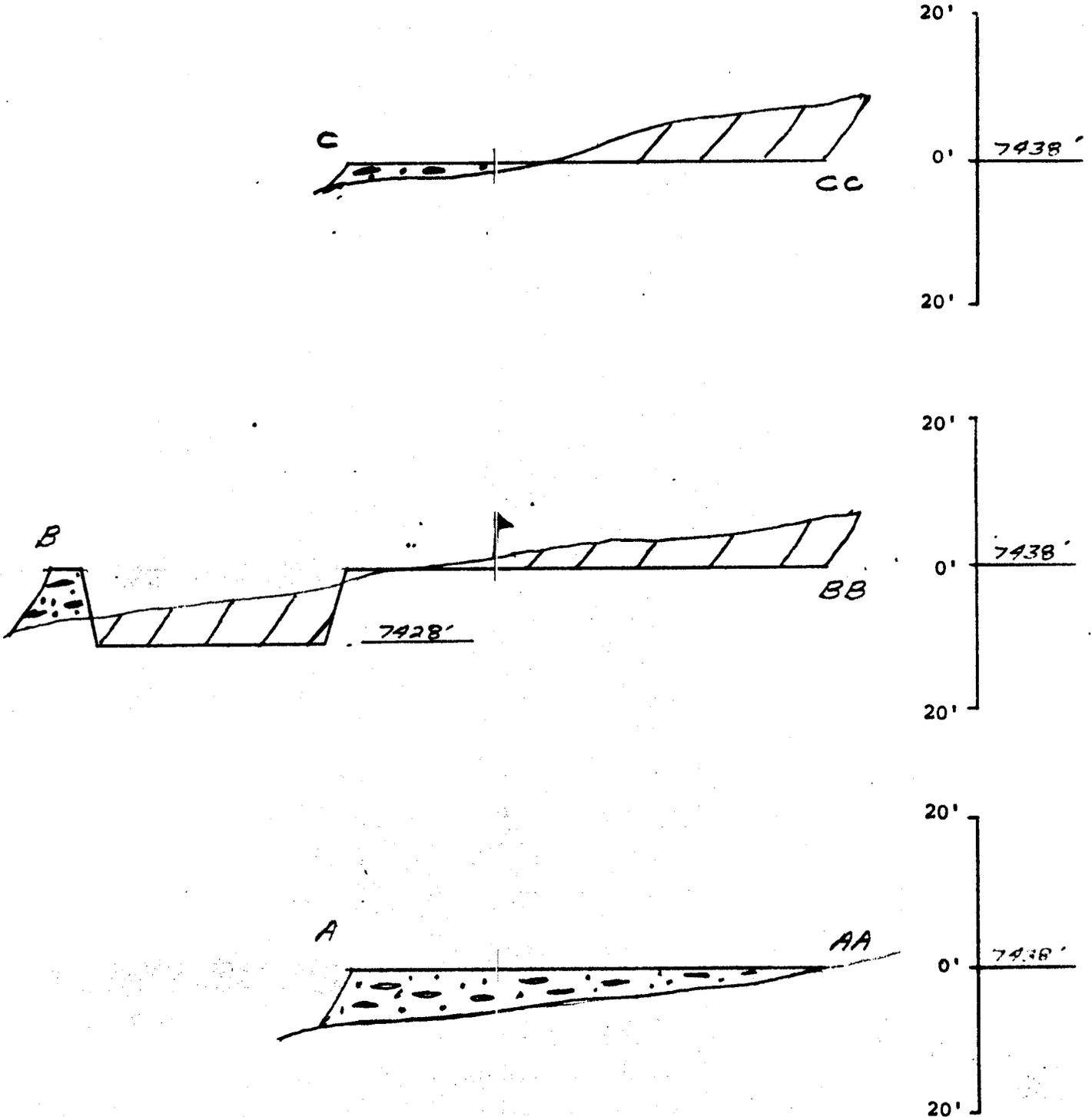
Well 1-11 Woodenshoe

EXHIBIT "G"

OK. WELL ELEVATIONS - LOCATIONS  
ENVIRONMENTAL - ARCHAEOLOGICAL SERVICES  
666 SOUTH CHERRY STREET, SUITE 1301  
DENVER, COLORADO 80222  
PHONE NO. 333/821-2217

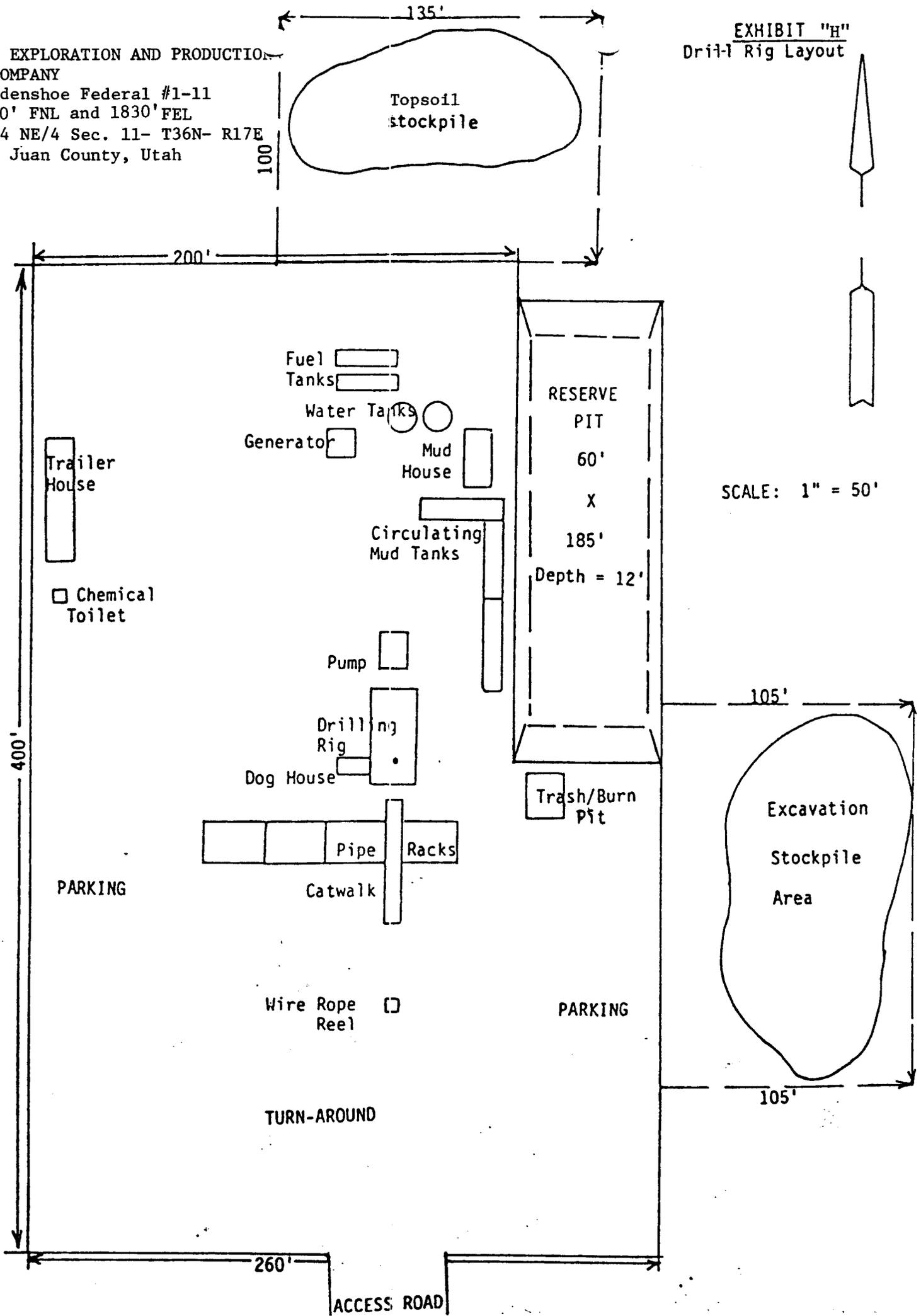
Cut // // // // // 8000 cy  
Fill: . . . . . 2500 cy.

Scales: 1"=50'H.  
1'=20'V.



SUN EXPLORATION AND PRODUCTION  
COMPANY  
Woodenshoe Federal #1-11  
1830' FNL and 1830' FEL  
SW/4 NE/4 Sec. 11- T36N- R17E  
San Juan County, Utah

EXHIBIT "H"  
Drill Rig Layout



SCALE: 1" = 50'

100'

200'

135'

400'

260'

ACCESS ROAD

RESERVE

PIT

60'

X

185'

Depth = 12'

105'

Excavation  
Stockpile  
Area

PARKING

105'

Trailer  
House

Chemical  
Toilet

Fuel  
Tanks

Water Tanks

Generator

Mud  
House

Circulating  
Mud Tanks

Pump

Drilling  
Rig

Dog House

Pipe  
Racks

Catwalk

Wire Rope  
Reel

TURN-AROUND

Trash/Burn  
Pit

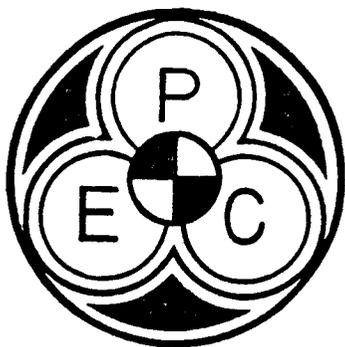
# Cultural Resource Management Report

Sun Exploration & Production Company  
1-11 Wooden Shoe  
San Juan County, Utah

Lead Field Investigator Doug Dykeman

Principal Investigator Bruce E. Rippeteau, Ph.D.

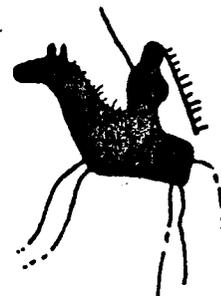
Date October 12, 1982 For Sun Exploration & Production Company



## POWERS ELEVATION

CHEERY CREEK PLAZA, SUITE 1201  
600 SOUTH CHERRY ST., DENVER, COLORADO 80222  
(303) 321-2217

### Archæology Division





Sun Exploration & Production Company  
1-11 Wooden Shoe  
Continuation Sheet

FILE SEARCH: A file search conducted October 12,  
1982, with Liz Manion of the Division of State History  
revealed no previously recorded sites or surveys for the  
project area.

Sun Exploration & Production Company  
1-11 Wooden Shoe  
1980' FNL & 1830' FEL,  
Section 11, T.36S., R.17E.  
San Juan County, Utah

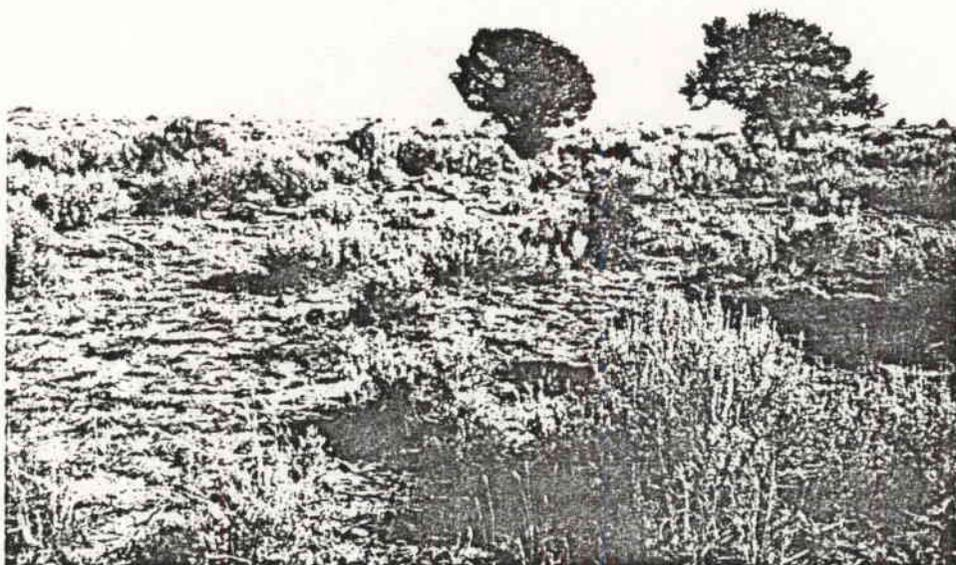


Looking at centerstake

Sun Exploration & Production Company  
1-11 Wooden Shoe  
NE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 11,  
T.36S., R.17E.  
San Juan County, Utah  
Site 42SA11423



Looking east at main roomblock. Note  
Woodenshoe Buttes in the background.

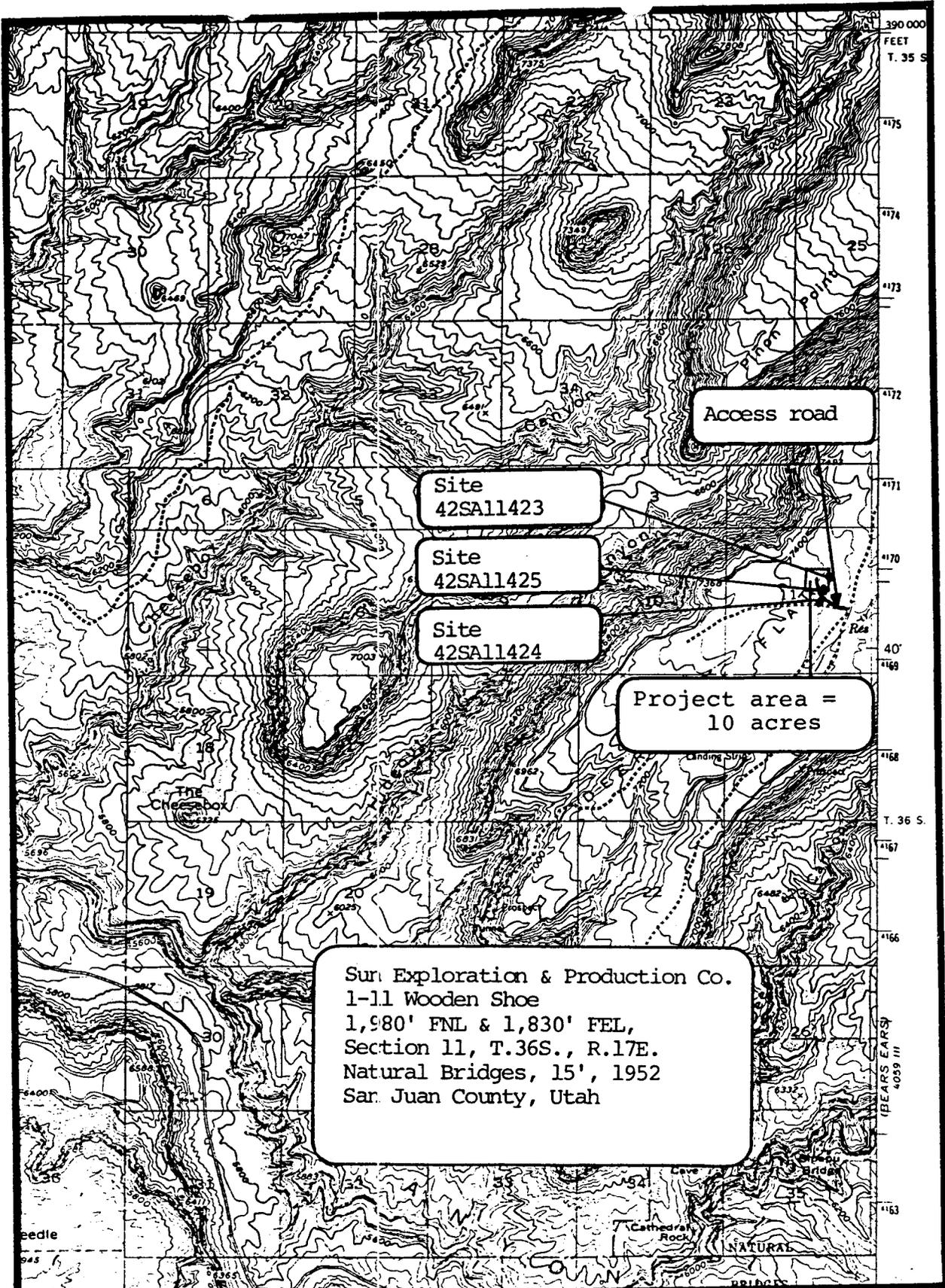


Looking south at roomblock. The trash  
mound is in the foreground and extends  
to the left of the photo's center.

Sun Exploration & Production Company  
1-11 Wooden Shoe  
SE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 11,  
T.36S., R.17E.  
San Juan County, Utah  
Site 42SA11425



Looking northwest across site, note  
center stake for well pad in background.



Sun Exploration & Production Co.  
1-11 Wooden Shoe  
1,980' FNL & 1,830' FEL,  
Section 11, T.36S., R.17E.  
Natural Bridges, 15', 1952  
Sar. Juan County, Utah

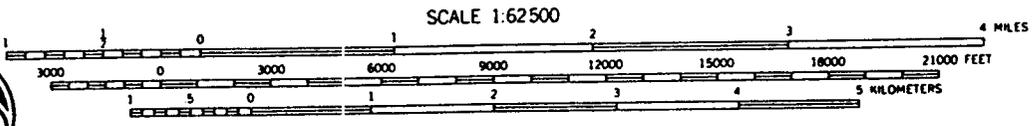
Access road

Site  
42SA11423

Site  
42SA11425

Site  
42SA11424

Project area =  
10 acres



# IMACS SITE FORM

## Part A - Administrative Data

### INTERMOUNTAIN ANTIQUITIES COMPUTER SYSTEM

Form approved for use by  
BLM - Utah, Idaho, Nevada  
Division of State History - Utah  
USFS - Intermountain Region

\*1. State No. 42SA11423  
\*2. Agency No. \_\_\_\_\_  
3. Temp No. \_\_\_\_\_

4. State Utah County San Juan

5. Project 1-11 Federal well pad and access

\*6. Report No. \_\_\_\_\_

7. Site Name \_\_\_\_\_

8. Class  Prehistoric  Historic  Paleontologic  Ethnographic

9. Site Type Small Pueblo

\*10. Elevation 7,440 ft.

\*11. UTM Grid Zone 12 587628 m E 4169853 m N

\*12. NE $\frac{1}{4}$  of SW $\frac{1}{4}$  of NE $\frac{1}{4}$  of Section 11 T. 36S. R. 17E.

\*13. Meridian Salt Lake Prime Meridian

\*14. Map Reference Natural Bridges Quadrangle, 15', 1952, Utah

15. Aerial Photo \_\_\_\_\_

16. Location and Access From Blanding take U.S. Route 163 south for three miles to Utah Route 95. Turn west on to route 95 and travel for six miles. At this point turn north onto Elk Ridge Road. Follow Elk Ridge Road at this fork in the road onto Deer Flat and travel for two miles. Take a westerly trending road for 0.25 of a mile; from this point the site is located on a knoll 300 meters north of the road.

\_\_\_\_\_

\_\_\_\_\_

\*17. Land Owner Bureau of Land Management

\*18. Federal Admin. Units Forest District MOAB (B6)

\*19. Planning Units (USFS only) \_\_\_\_\_

20. Site Description The site consists of a small "C" shaped rubble mound and a possible kiva depression. Another diffuse trash area abuts the west side of the site. Extending some 50 to 60 meters northwest of the site is a thin scatter of lithic debitage. Ceramics, groundstone and burned rock are restricted to the immediate vicinity of the trash mound.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\*21. Site Condition  Excellent (A)  Good (B)  Fair (C)  Poor (D)

\*22. Impact Agent(s) This area has been chained.

\_\_\_\_\_

\*23. Nat. Register Status  Significant (C)  Non-Significant (D)  Unevaluated (USFS only) (Z)  
Justify The site has good depositional integrity.

\_\_\_\_\_

24. Photos 11-1 Federal 1, 2

25. Recorded by Douglas D. Dykeman

\*26. Survey Organization Powers Elevation \*28. Survey Date 09/30/82

27. Assisting Crew Members \_\_\_\_\_



## Part B - Prehistoric Sites

Site No.(s) 42SA11423  
 \_\_\_\_\_  
 \_\_\_\_\_

1. Site Type Small Pueblo

\*2. Culture

	AFFILIATION	DATING	AFFILIATION	DATING
	<u>Pueblo, II-III</u>	<u>Cross-Dating</u>	_____	_____

3. Site Dimensions 80 m X 40 m \*Area 3,200 sq m

\*4. Surface Collection/Method

<input checked="" type="checkbox"/> None (A)	<input type="checkbox"/> Designed Sample (C)
<input type="checkbox"/> Grab Sample (B)	<input type="checkbox"/> Complete Collection (D)

Sampling Method \_\_\_\_\_

\*5. Estimated Depth of Fill

<input type="checkbox"/> Surface (A)	<input checked="" type="checkbox"/> 20-100 cm (C)	<input type="checkbox"/> Fill noted but unknown (E)
<input type="checkbox"/> 0-20 cm (B)	<input type="checkbox"/> 100 cm + (D)	

How Estimated Apparent height of rubble mound.  
 (If tested, show location on site map.)

\*6. Excavation Status

<input type="checkbox"/> Excavated (A)	<input type="checkbox"/> Tested (B)	<input checked="" type="checkbox"/> Unexcavated (C)
--	-------------------------------------	---

\*7. Summary of Artifacts and Debris

<input checked="" type="checkbox"/> Lithic Scatter (LS)	<input type="checkbox"/> Isolated Artifact (IA)	<input checked="" type="checkbox"/> Burned Stone (BS)
<input checked="" type="checkbox"/> Ceramic Scatter (CS)	<input type="checkbox"/> Organic Remains (VR)	<input checked="" type="checkbox"/> Ground Stone (GS)
<input type="checkbox"/> Basketry/Textiles (BT)	<input type="checkbox"/> Shell (SL)	<input type="checkbox"/> Lithic Source(s)

Describe The scatter of ceramics, ground stone and burned stone is extant in the immediate vicinity of the roomblock and trash area. A thin scatter of lithic debitage extends 50 to 50 meters west of the rubble mound.

\*8. Lithic Tools

	QUANTITY	TYPE		QUANTITY	TYPE
	<u>three</u>	<u>utilized flakes</u>		_____	_____
	_____	_____		_____	_____
	_____	_____		_____	_____
	_____	_____		_____	_____

Describe \_\_\_\_\_

\*9. Lithic Debitage - Estimated Total Quantity

<input type="checkbox"/> None (A)	<input type="checkbox"/> 10-25 (C)	<input type="checkbox"/> 100-500 (E)
<input type="checkbox"/> 1-9 (B)	<input type="checkbox"/> 25-100 (D)	<input checked="" type="checkbox"/> 500 + (F)

Material Type Grey fine grained quartzite, petrified wood, red and white variegated chert.

Flaking Stages (0) Not Present (1) Rare (2) Common (3) Dominant

Decortication 0 Secondary 2 Primary 1 Final Shaping 3

10. Maximum Density-#/sq m (all lithics) Six/square meters



# IMACS ENCODING FORM

To be completed for each site form.  
For instructions and codes, see IMACS Users Guide.

Douglas D. Dykeman  
Encoder's Name

**A**

1  -  -  2  -  6  10  11

State Site Number Agency Site Number Agency Report Number Elevation Zone Easting Northing

12         13  14  17  18

% % % Sec. T. R. Merid. USGS Map Owner Forest District

19    21  22    23  26  28  -  -  29

Capab. Anlys. Mgnt. Cond. Impacts N.R. Organ. Survey Date % Aspect

30    31  32   33  34   35

Water: degrees/dist./type Geog. 1st Location 2nd Location Dep. Vegetation Misc. Text

**B**

2    3  4  5  6  7     8

Culture/Date Area Coll. Depth Exca. Status Artifacts: #/type Lkthic Tools: #/type

9

f Flaking Stages

11       13       14

Ceramics: #/type Features: #/type Architecture: #/material/type

**C**

2     3     4   5  6  7  8

Historic Themes Cultures/Dating Dates Area Coll. Depth Exca.

9     10   11     13

Artifacts: #/type Ceramics: #/type Glass: #/mnt./color/funct. Features: #/type

14

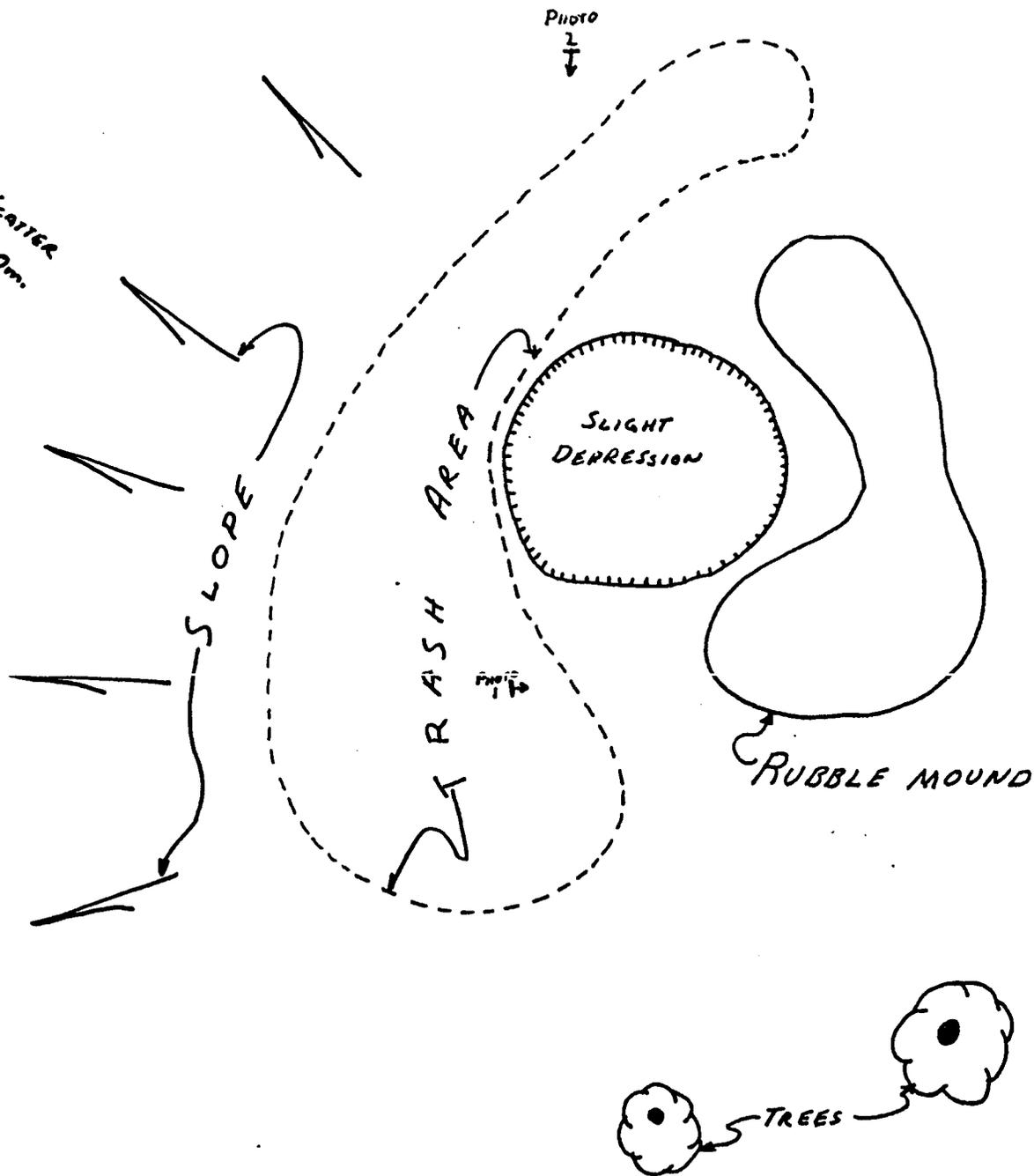
Architecture: #/material/type

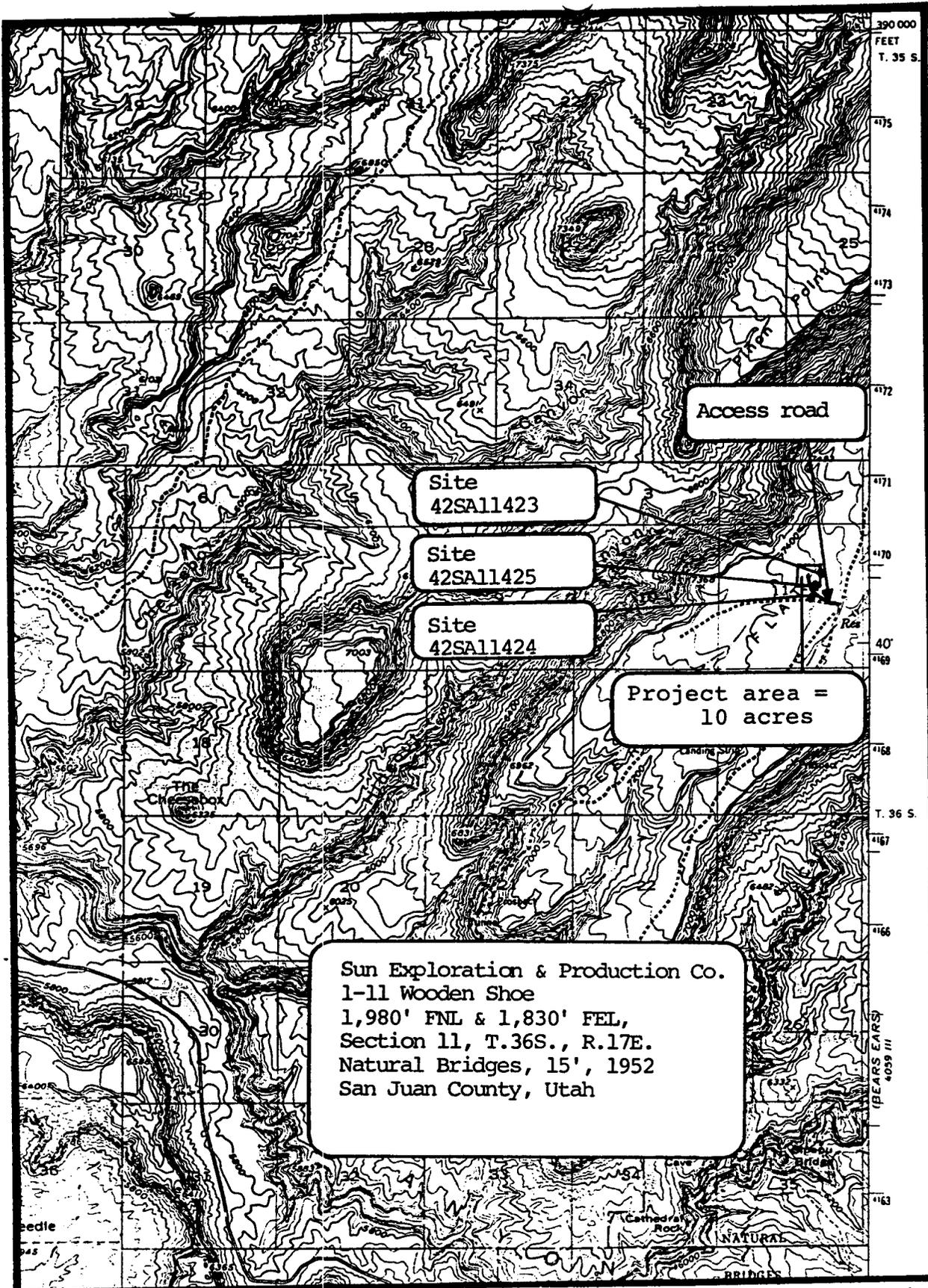
Lettering Guide: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 1 2 3 4 5 6 7 8 9 0

42 SA 11423

D. DYKEMAN  
SEPT. 30, 1982

NE $\frac{1}{4}$ , SW $\frac{1}{4}$ , NE $\frac{1}{4}$   
SEC. 11 T. 36 S R. 17 E  
ELEVATION 7440'





Access road

Site  
42SA11423

Site  
42SA11425

Site  
42SA11424

Project area =  
10 acres

Sun Exploration & Production Co.  
1-11 Wooden Shoe  
1,980' FNL & 1,830' FEL,  
Section 11, T.36S., R.17E.  
Natural Bridges, 15', 1952  
San Juan County, Utah

390 000  
FEET  
T. 35 S.

1175

1174

1173

1172

1171

1170

40'

1169

1168

T. 36 S.

1167

1166

1165

1164

1163

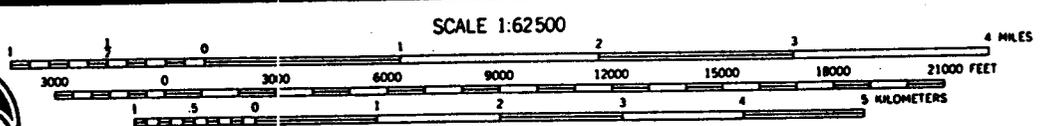
1162

1161

1160

1159

1158



# IMACS SITE FORM

## Part A - Administrative Data

### INTERMOUNTAIN ANTIQUITIES COMPUTER SYSTEM

Form approved for use by  
BLM - Utah, Idaho, Nevada  
Division of State History - Utah  
USFS - Intermountain Region

\*1. State No. 42SA11424  
\*2. Agency No. \_\_\_\_\_  
3. Temp No. \_\_\_\_\_

4. State Utah  
5. Project 1-11 Federal well pad and access road  
6. Report No. \_\_\_\_\_  
7. Site Name \_\_\_\_\_  
8. Class  Prehistoric  Historic  Paleontologic  Ethnographic  
9. Site Type Field House  
\*10. Elevation 7,440 ft.  
\*11. UTM Grid Zone 12 587503 m E 4169640 m N  
\*12. SE<sup>1</sup>/<sub>4</sub> of SW<sup>1</sup>/<sub>4</sub> of NE<sup>1</sup>/<sub>4</sub> of Section 11 T. 36S., R. 17E.  
\*13. Meridian Salt Lake  
\*14. Map Reference Natural Bridges Quadrangle, 15', 1952, Utah  
15. Aerial Photo \_\_\_\_\_  
16. Location and Access From Blanding take U.S. Route 163 south for three miles to Utah Route 95. Turn west onto route 95 and travel for six miles. At this point turn north onto Elk Ridge Road and follow for 31 miles to the Woodenshoe Buttes. Bear south at this fork in the road onto Deer Flat and travel for two miles. Take a west trending road for 0.25 miles and the site is partly located in this road.  
\*17. Land Owner Bureau of Land Management  
\*18. Federal Admin. Units Forest \_\_\_\_\_ District Moab  
\*19. Planning Units (USFS only) \_\_\_\_\_  
20. Site Description The site consists of a small scatter of sandstone rubble and several pieces of lithic debitage. A section of the west wall of a structure is visible in the road.  
\*21. Site Condition  Excellent (A)  Good (B)  Fair (C)  Poor (D)  
\*22. Impact Agent(s) A road has damaged the south end of a structure, and the entire area has been chained.  
\*23. Nat. Register Status  Significant (C)  Non-Significant (D)  Unevaluated (USFS only) (Z)  
Justify The site integrity has been severely damaged by chaining and road construction.  
24. Photos 1-11 Federal-3  
25. Recorded by Douglas D. Dykeman  
\*26. Survey Organization Powers Elevation \*28. Survey Date 09/30/82  
27. Assisting Crew Members \_\_\_\_\_



## Part B - Prehistoric Sites

Site No.(s) 42SA11424  
 \_\_\_\_\_  
 \_\_\_\_\_

1. Site Type Field House

\*2. Culture                      AFFILIATION                      DATING                      AFFILIATION                      DATING  
    Anasazi/Pueblo                      (G) other                      \_\_\_\_\_                      \_\_\_\_\_  
    \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

3. Site Dimensions                      20 m X                      25 m                      \*Area                      500 sq m

\*4. Surface Collection/Method                       None (A)                       Designed Sample (C)  
     Grab Sample (B)                       Complete Collection (D)  
 Sampling Method \_\_\_\_\_

\*5. Estimated Depth of Fill                       Surface (A)                       20-100 cm (C)                       Fill noted but unknown (E)  
     0-20 cm (B)                       100 cm + (D)  
 How Estimated Road cut  
 (If tested, show location on site map.)

\*6. Excavation Status                       Excavated (A)                       Tested (B)                       Unexcavated (C)

\*7. Summary of Artifacts and Debris  
 Lithic Scatter (LS)                       Isolated Artifact (IA)                       Burned Stone (BS)  
 Ceramic Scatter (CS)                       Organic Remains (VR)                       Ground Stone (GS)  
 Basketry/Textiles (BT)                       Shell (SL)                       Lithic Source(s)  
 Describe The lithic scatter extends about 20 meters north of the rubble mound.  
Some flakes are present in the road cut, but not south of the road.

\*8. Lithic Tools                      QUANTITY                      TYPE                      QUANTITY                      TYPE  
    None                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_  
    \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_  
    \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_  
    \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_                      \_\_\_\_\_

Describe \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\*9. Lithic Debitage - Estimated Total Quantity                       None (A)                       10-25 (C)                       100-500 (E)  
     1-9 (B)                       25-100 (D)                       500+ (F)  
 Material Type Grey chert with sand inclusions, red and white variegated chert.  
 Flaking Stages                      0 (0) Not Present                      3 (1) Rare                      (2) Common                      (3) Dominant  
 Decortication                      0                      Secondary                      Primary 0                      Final Shaping 2

10. Maximum Density-#/sq m (all lithics)                      1/square meter



# IMACS ENCODING FORM

To be completed for each site form.  
For instructions and codes, see IMACS Users Guide.

Douglas D. Dykeman  
Encoder's Name

A

1  -  -  2  -  6     10  11

State Site Number Agency Site Number Agency Report Number Elevation Zone Easting Northing

12         13  14  17  18

% % % Sec. T. R. Merid. USGS Map Owner Forest District

19    21  22    23  26  28  -  -  29

Capab. Anlys. Mngmt. Cond. Impacts N.R. Organ. Survey Date % Aspect

30    31  32   33  34   35

Water: degrees/dist./type Geog. 1st Location 2nd Location Dep. Vegetation Misc. Text

B

2     3  4  5  6  7     8

Culture/Date Area Coll. Depth Exca. Status Artifacts: #/type Lithic Tools: #/type

9      11     13      14

f Flaking Stages Ceramics: #/type Features: #/type Architecture: #/material/type

C

2     3     4   5  6  7  8

Historic Themes Cultures/Dating Dates Area Coll. Depth Exca.

9     10   11    13

Artifacts: #/type Ceramics: #/type Glass: #/mmt./color/funct. Features: #/type

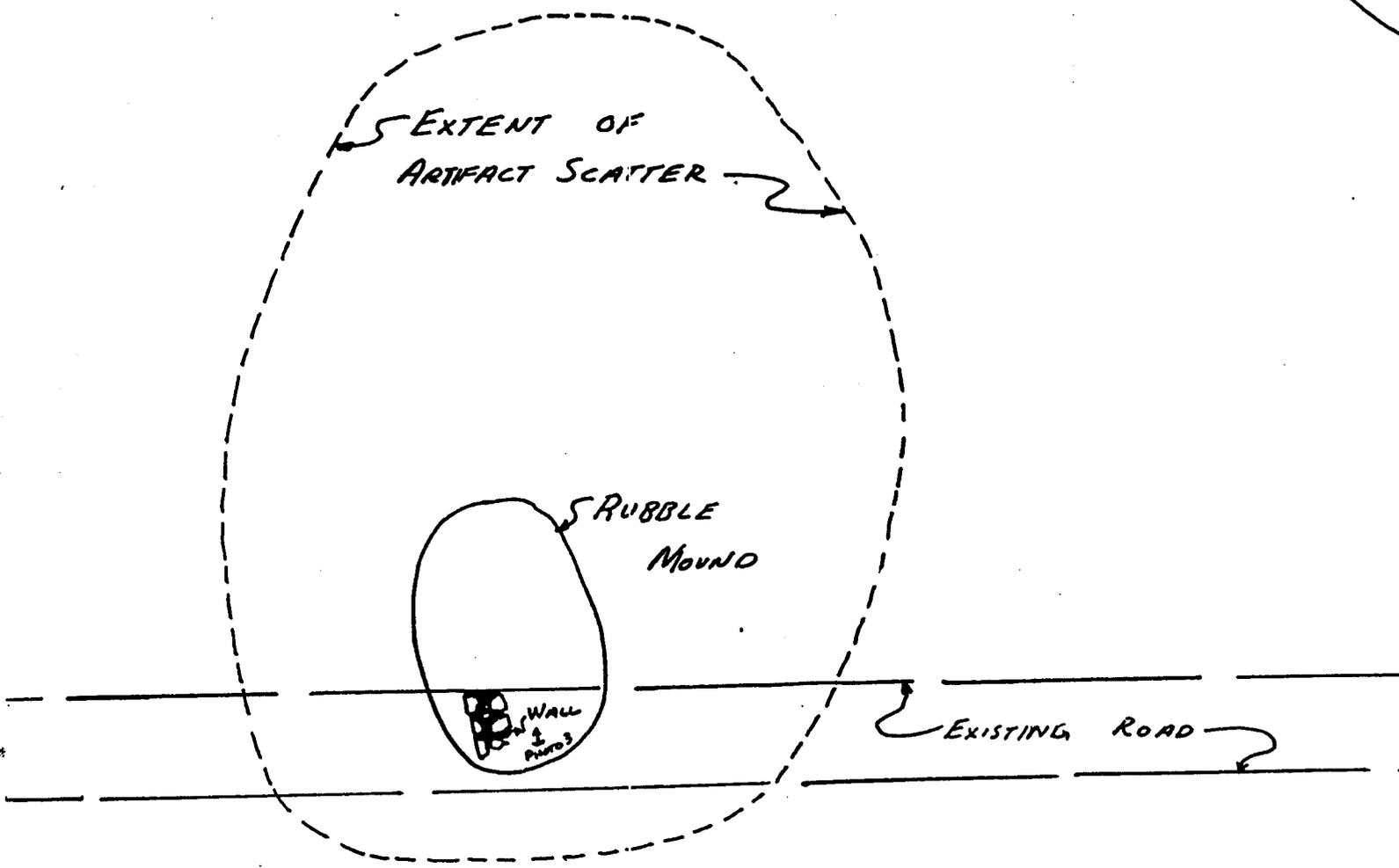
14

Architecture: #/material/type

Lettering Guide: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 1 2 3 4 5 6 7 8 9 0

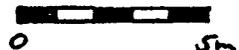
PROPOSED WELL

ACCESS  
ROAD



42 SA 11424

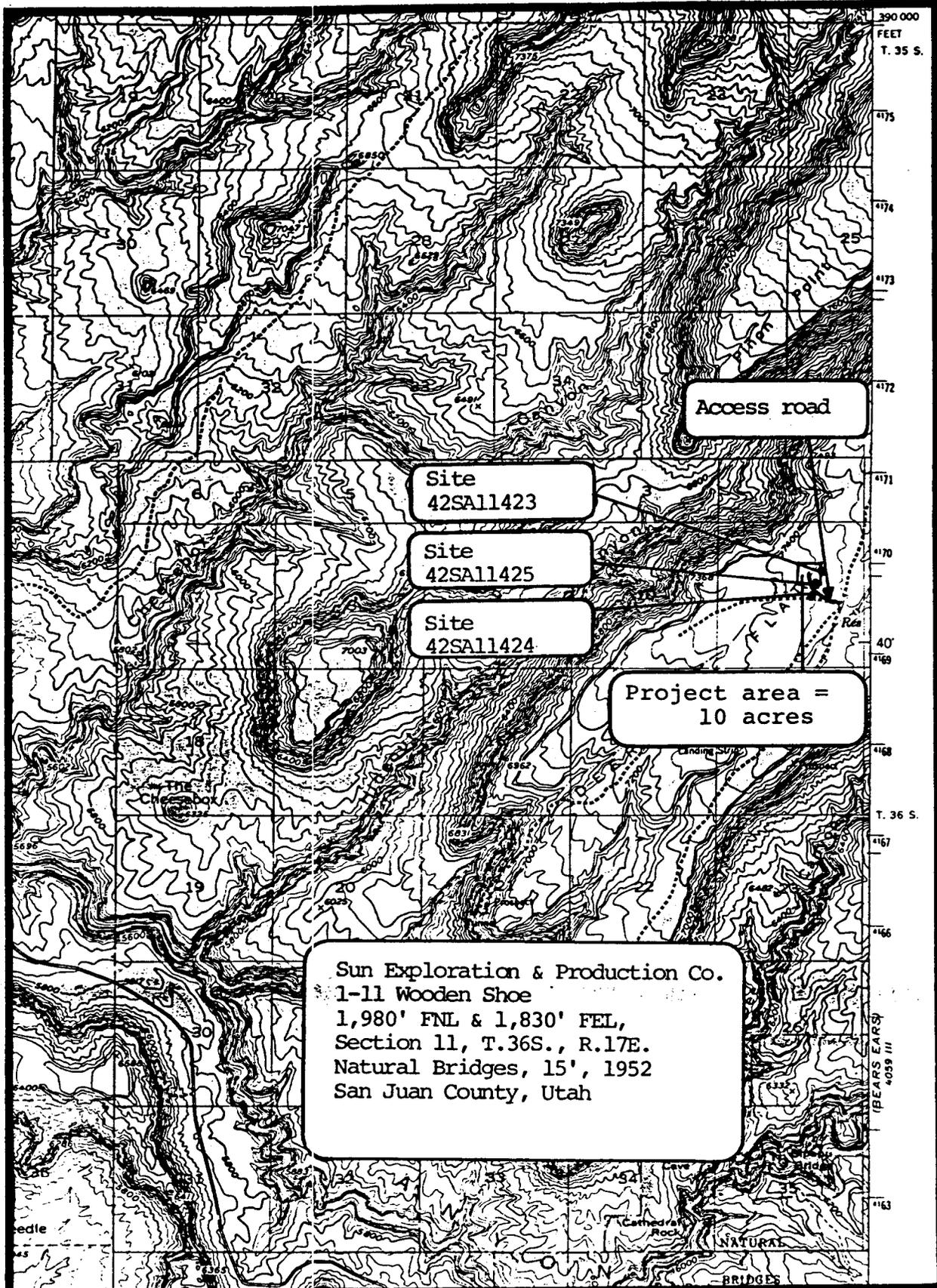
D. DYKEMAN  
SEPT. 30, 1982  
SE 1/4, SW 1/4, NE 1/4  
SEC. 11, T. 36S R. 17E  
ELEVATION 7440'



Sun Exploration & Production Company  
1-11 Wooden Shoe  
SE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 11,  
T.36S., R.17E.  
San Juan County, Utah  
Site 42SA11424

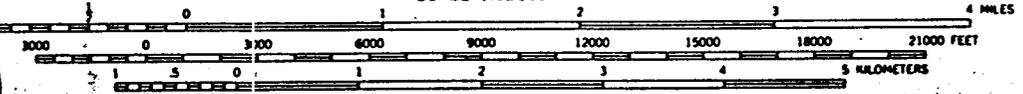


Looking north at site note rubble  
in foreground.



Sun Exploration & Production Co.  
1-11 Wooden Shoe  
1,980' FNL & 1,830' FEL,  
Section 11, T.36S., R.17E.  
Natural Bridges, 15', 1952  
San Juan County, Utah

SCALE 1:62500





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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *FED*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER \_\_\_\_\_

UNIT WOODRIDGE

c-3-b

c-3-c

OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

December 6, 1982

Sun Exploration and Production Company  
P. O. Box 340180  
Dallas, Texas 75234

RE: Well No. Woodenshoe Fed. 1-11  
SWNE Sec. 11, T.36S, R.17E  
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

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

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

OR

CLEON B. FEIGHT - Director  
Office: 533-5771  
Home: 466-4455

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

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

The API number assigned to this well is 43-037-30855.

Sincerely,

  
Norman C. Stout  
Administrative Assistant

NCS/as  
cc: MMS  
Enclosure



**Sun Exploration  
Company**  
4600 North Fuller Drive  
Irving Texas 75062  
Post Office Box 340180  
Dallas Texas 75234  
214 258 4000  
Telex 73 2469  
TWX: 910 860 5769

January 7, 1983

U.S. Department of the Interior  
Minerals Management Service  
Attention: Edgar Guynn, District Engineer  
8425 Federal Bldg.  
125 South State Street  
Salt Lake City, Utah 84138

Dear Mr. Guynn:

SUBJECT: Sundry Notices and Reports on Wells (9-331)  
Woodenshoe Federal #1-11  
1830' FNL and 1830' FIL  
SW/4 NE/4 Section 11- T36S- R17E  
San Juan County, Utah

Enclosed for your consideration are three (3) copies of Sundry Notices and Reports on Wells for proposed change of route of access road with map and description.

Should you require any additional information or clarification of the attachments, please call me at 214/258-4495.

Sincerely,

SUN EXPLORATION COMPANY

*Janey L. Sullivan*  
Janey L. Sullivan

Attachments

cc: B.L.M./Monticello  
M.M.S./Durango, CO  
**State of Utah**  
Utah Dept. of Transportation  
Canyonlands National Park/Moab  
R. L. Harris  
Rick Maerz  
Charles Mangum  
George Peyton  
Lyle Kornkven  
Well File  
Permit File

**RECEIVED**  
JAN 12 1983

**DIVISION OF  
OIL, GAS & MINING**

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

2. NAME OF OPERATOR  
SUN EXPLORATION AND PRODUCTION COMPANY

3. ADDRESS OF OPERATOR  
P.O. Box 340180, Dallas, Texas 75234

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 1830' FNL and 1830' FEL (SW NE)  
AT SURFACE:  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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 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) Change Access Road Route	<input type="checkbox"/>		<input type="checkbox"/>

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.)\*

SEE ATTACHED MAP AND DESCRIPTION OF PROPOSED  
ALTERNATE ACCESS ROAD

**RECEIVED**  
JAN 12 1983

DIVISION OF  
OIL GAS & MINING

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

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

SIGNED Janey L. Sullivan TITLE Administrative Secretary DATE January 7, 1983

(This space for Federal or State office use)

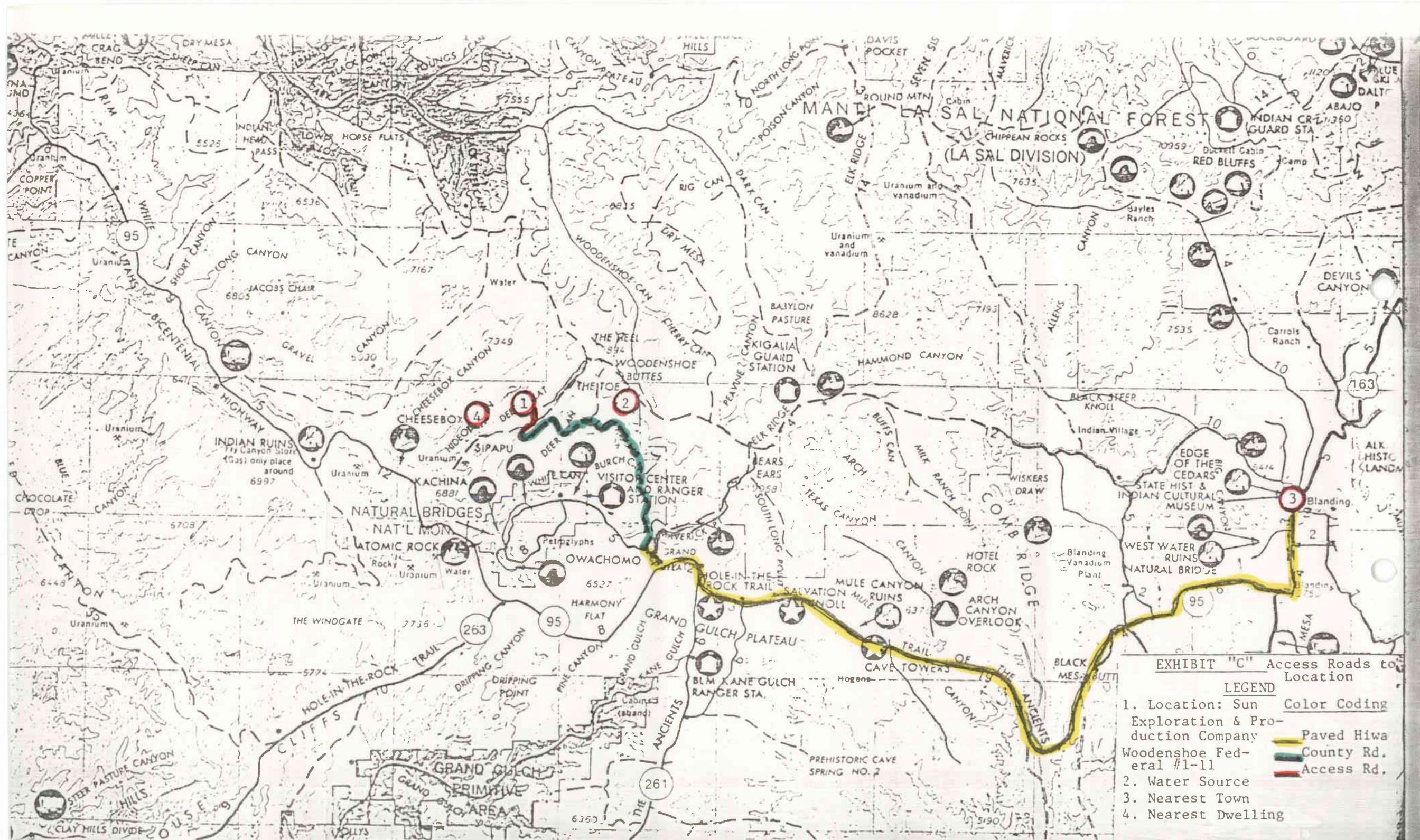
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

MULTI-POINT REQUIREMENTS TO ACCOMPANY A.P.D.

SURFACE USE PLAN

1. EXISTING ROADS (Revision)

- B. The nearest town or locatable reference point is Blanding, Utah, located an approximate 37 miles from the well site. From Blanding's Shirt Tail Junction, proceed westerly  $\pm 29$  miles to the Natural Bridges road; go northerly 0.9 miles to Deer Flat sign; take two-lane county road to the northwest 15.4 miles to Deer Flat; at first "Y", proceed to the south 0.1 miles; go northwest 0.3 miles, then proceed north to pond 0.7 miles; after reaching the pond, go west 0.3 miles to the beginning of the 900 feet flagged access.



**EXHIBIT "C" Access Roads to Location**

**LEGEND**

- 1. Location: Sun Exploration & Production Company
  - 2. Water Source
  - 3. Nearest Town
  - 4. Nearest Dwelling
- Color Coding**
- Paved Hiwa
  - County Rd.
  - Access Rd.

Moab District  
P. O. Box 970  
Moab, Utah 84532

28 JAN 1985

Sun Exploration and Production Company  
P. O. Box 340180  
Dallas, Texas 75234

Re: Rescinding Application for  
Permit to Drill  
Well No. Woodenshoe Fed. 1-11  
Sec. 11, T. 36 S., R. 17 E.  
San Juan County, Utah  
Lease U-29929

Gentlemen:

The Application for Permit to Drill the referenced well was approved on September 9, 1983. Since that date, no known activity has transpired at the approved location.

Applications for permit to drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application.

Should you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

If you have any questions, please contact the Branch of Fluid Minerals at (801) 259-6111.

Sincerely,

**Kenneth V. Rhea**

Acting District Manager

cc:  
State of Utah, Division of Oil, Gas and Mining ✓  
San Juan Resource Area

bcc:  
U-942, Utah State Office

CFreudiger/cf 1/25/85



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

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

February 1, 1985

Sun Exploration and Production Company  
P.O. Box 340180  
Dallas, Texas 75234

Gentlemen:

Re: Well No. Woodenshoe Federal 1-11 - Sec. 11, T. 36S., R. 17E.  
San Juan County, Utah - API #43-037-30855 - Lease #U-29929

In concert with action taken by the Bureau of Land Management, January 28, 1985, approval to drill the above referred to well is hereby rescinded.

A new "Application for Permit to Drill" must be filed with this office, for approval, prior to future drilling of the subject location.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza". The signature is written in a cursive style with a long, sweeping underline that extends to the left and then curves back up to the right.

John R. Baza  
Petroleum Engineer

clj

cc: Dianne R. Nielson  
Ronald J. Firth  
File

0087S/4

Thomas W Lynch  
Vice President and  
Chief Counsel

RECEIVED

JAN 02 1986

DIVISION OF OIL  
GAS & MINING

Sun Exploration and  
Production Company  
Four NorthPark East  
5656 Blackwell  
P O Box 2880  
Dallas TX 75221-2880  
214 890 6204

December 10, 1985

Dear Vendor:

Effective December 1, 1985, Sun Exploration and Production Company (Sun E&P) conveyed to Sun Operating Limited Partnership all of its domestic oil and gas business, properties and related assets, as part of a legal reorganization. This move does not materially affect your relationship with Sun E&P.

Sun E&P will serve as the managing general partner and will be responsible for all the management and operational functions of the partnership. As a result, you should continue doing business with Sun E&P as you have in the past. All billings, correspondence and payments should be addressed to the Sun E&P office currently being utilized.

If you have any questions in this regard, please contact the Sun E&P office with which you are currently dealing.

Very truly yours,

*Thomas W. Lynch*

Thomas W. Lynch

34 S. 17E. 11  
Woodenshoe Fed: 1-11

34 S. 18E. 30  
Woodenshoe #2