

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 Ambra Oil & Gas Company *532-6640*

3. ADDRESS OF OPERATOR 115 South Main, Suite 420, Salt Lake City, UT 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
At surface 660' FNL, 660' FEL, Sec. 21, T20S, R21E *NENE*  
At proposed prod. zone

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

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

16. NO. OF ACRES IN LEASE 640 acres

17. NO. OF ACRES ASSIGNED TO THIS WELL 40 acres

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. over 7000'

19. PROPOSED DEPTH 3400' *Entrada*

20. ROTARY OR CABLE TOOLS rotary-air

21. ELEVATIONS (Show whether DF, RT, GR, etc.) *Permissive Survey* 5535'

22. APPROX. DATE WORK WILL START\* May 30, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	55-8 5/8" new	32 lbs.	160'	35 sacks (cement to surface)
6 3/4"	55-4 1/2" new	10.5 lbs.	3400'	65 sacks (cement into Mancos)

Well will be drilled to test the Entrada.  
All shows encountered will be tested.

Blowout equipment to be used:  
Hydril type GD, 10" BOP  
Tested to 5000 PSI  
with a 500 series power accumulator  
*Well require blind & pipe rams, fill & kill lines*

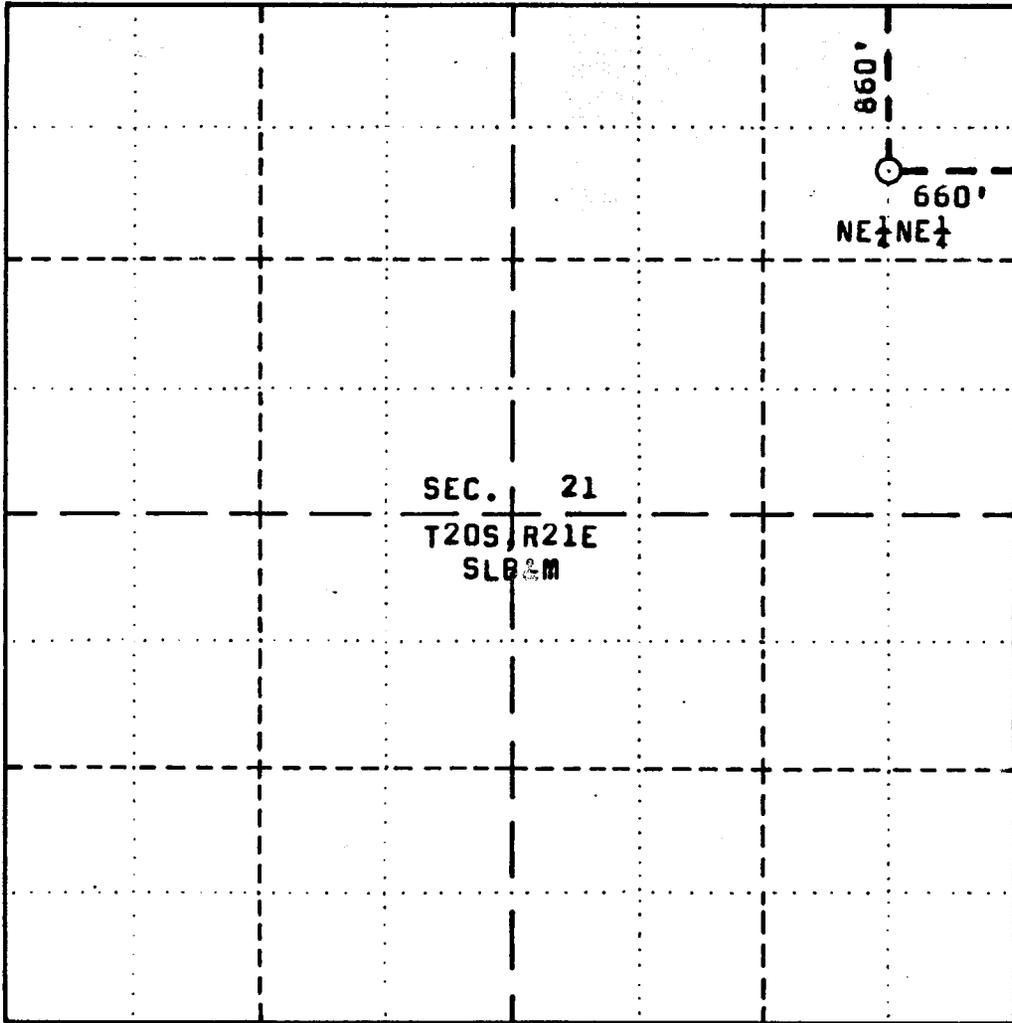
APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING  
DATE: 5-15-80  
BY: M. J. Menden

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

24. SIGNED [Signature] TITLE Production Manager DATE 4-10-80

PERMIT NO. 43-019-306454 APPROVAL DATE 5/15/80

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

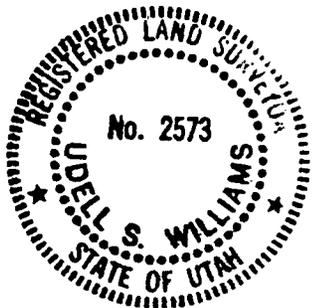


SCALE: 1" = 1000'

TUMBLEWEED 21-1

Located South 860 feet from the North boundary and West 660 feet from the East boundary of Section 21, T20S, R21E, SLB&M.

North RP 5530.8                      Elev. 5535  
 East RP 5527.3  
 South RP 5539.0                      Grand County, Utah  
 West RP 5544.0



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAY WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

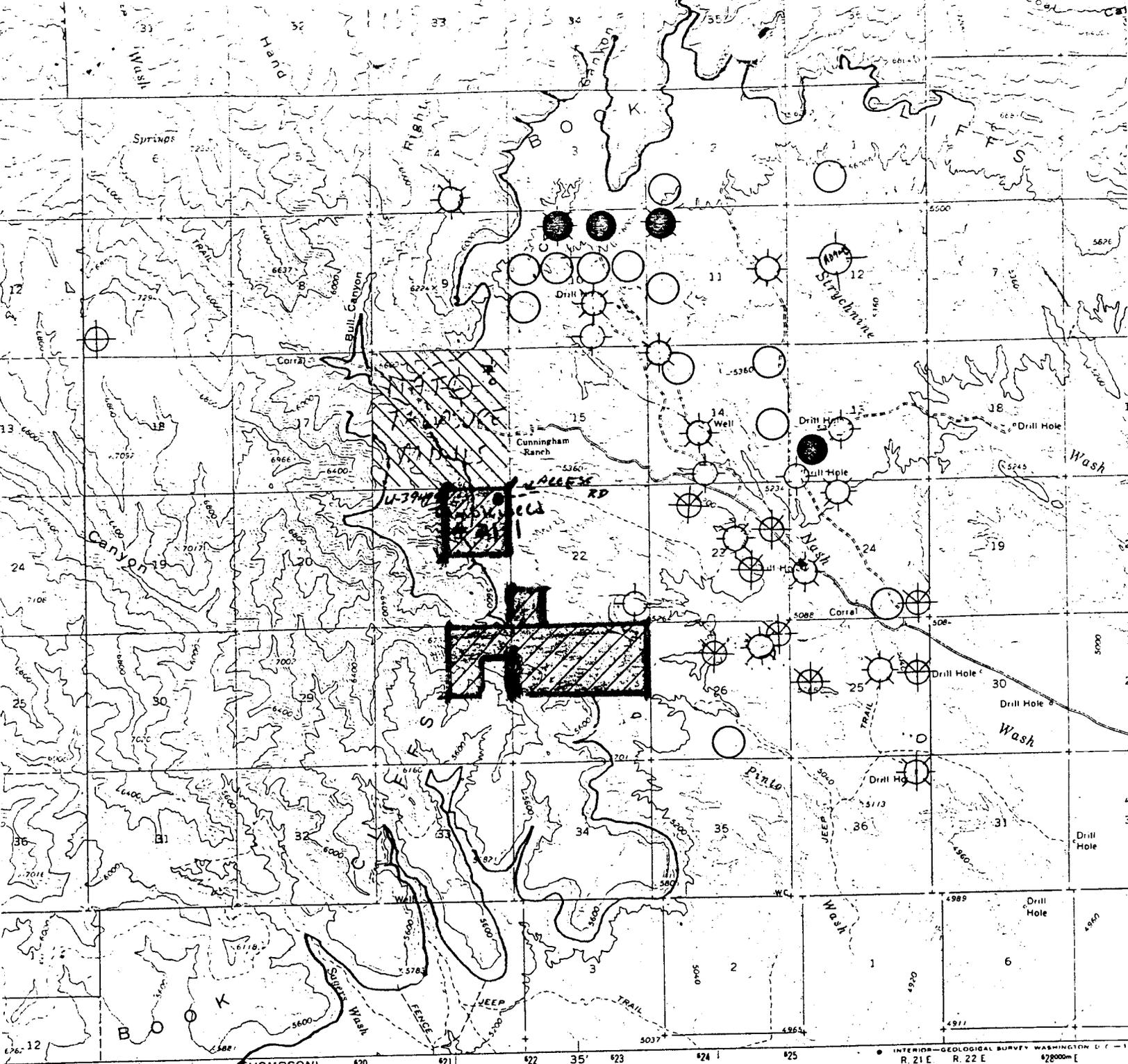
*Udell S. Williams*  
 UTAH R.L.S. NO. 2573



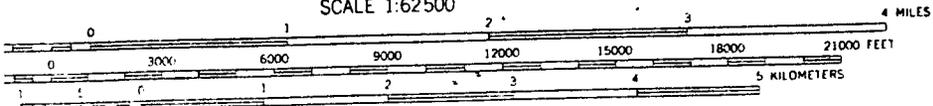
**UDELL S. WILLIAMS**  
 751 Rood Avenue  
 GRAND JUNCTION, COLORADO 81501

PLAT OF  
 PROPOSED LOCATION  
 TUMBLEWEED 21-1  
 NE 1/4 NE 1/4 SECTION 21  
 T20S, R21E, SLB&M

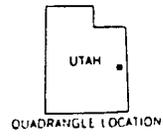
SURVEYED BY: USW    DATE: 4/16/80  
 DRAWN BY: USW      DATE: 4/19/80



(THOMPSON)  
4061 1  
SCALE 1:62500



CONTOUR INTERVAL 80 FEET  
DOTTED LINES REPRESENT 40-FOOT CONTOURS  
DATUM IS MEAN SEA LEVEL



ROAD CLASSIFICATION  
 Light-duty ——— Unimproved dirt  
 ○ State Route

SEGO CANYON  
N3900—W109

1963

AMS 4062 II—SERI

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
OR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Site-Specific Stipulations

1. Rotate the location 180<sup>0</sup> to place the reserve/blooie pit in native ground.
2. Fence reserve pit on three sides prior to drilling and on the fourth side once the rig moves off.
3. Mist the blooie dust with water to reduce fugitive dust emissions.
4. Clear an area of trees behind the blooie pit two cat blades wide to reduce the fire hazard.

Oil and Gas Drilling

EA No. 426-80

United States Department of the Interior  
Geological Survey  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

USUAL ENVIRONMENTAL ASSESSMENT

Date July 15, 1980

Operator Ambra Oil & Gas Co. Well No. Tumbleweed 21-1-80B  
Location 860' FNL 760' FEL Section 21 Township 20S Range 21E  
County Grand State Utah Field/Unit Cisco Springs  
Lease No. U-39499 Permit No. \_\_\_\_\_

Prepared by: Glenn M. Doyle  
Environmental Scientist  
Grand Junction, Colorado

Joint Field Inspection Date: June 19, 1980

Field Inspection Participants, Titles, and Organizations:

<u>Kerry Miller</u>	<u>Operator</u>
<u>Elmer Duncan</u>	<u>Bureau of Land Management</u>
<u>Glenn M. Doyle</u>	<u>U. S. Geological Survey</u>
_____	_____
_____	_____
_____	_____
_____	_____

*Drill pad 100' x 100'  
Recurve pit 70' x 60'  
Improve existing access 15'  
0.72 acres disturbed  
Moved location 100' W  
Conditions of approval p. 6 (1-5)*

Related Environmental Documents:

BLM-Moab, Book Mountain Unit Resource Analysis.

BLM-Utah, 1979, Final initial wilderness inventory, USDI, August, 50 pp.

## DESCRIPTION OF PROPOSED ACTION

Proposed Action:

1. Location State: Utah  
County: Grand

860 ' F N L, 760 ' F W L, NE ¼ NE ¼  
Section 21, T20S, R21E, SLBM

2. Surface Ownership Location: Public  
Access Road: Public

Status of Reclamation Agreements: Not Applicable

3. Dates APD Filed: 5/12/80  
APD Technically Complete: 6/03/80  
APD Administratively Complete: ~~5/12/80~~ 8/5/80

4. Project Time Frame Starting Date: July 1980  
Duration of drilling activities: 7-24 days.

A period of 30 to 60 days is normally necessary to complete a well for production if hydrocarbons are discovered. If a dry hole is drilled, recontouring and reseedling would normally occur within one year; revegetation or restoration may take several years. If the well is a producer, an indefinite period of time would occur between completion and rehabilitation.

5. Related actions of other federal or state agencies and Indian tribes:

None known

6. Nearby pending actions which may affect or be affected by the proposed action:

None known

7. Status of variance requests:

None known

The following elements of the proposed action would/could result in environmental impacts:

1. A drill pad 150' wide x 200' long and a reserve pit 20' x 60' would be constructed. Approximately 100 feet of existing trail would be reconstructed to 15' wide from a maintained road. .72 acres of disturbed surface would be associated with the project.
2. Drilling
3. Waste disposal

4. Traffic
5. Water requirements
6. Completion
7. Production
8. Transportation of hydrocarbons

Details of the proposed action are described in the Application for Permit to Drill.

The location was moved at operator request 100' due west. No additional adverse impacts would result from this move. Also, operator claimed he needed no more than 100' x 100' of disturbed surface to operate safely. Pad size was thus reduced to these dimensions. ✓

Environmental Considerations of the Proposed Action:

Regional Setting/Topography - Regional topography is flat desert and rolling hills grading to the talus-flanked Book Cliffs.

PARAMETER

A. Geology - Surface is Mancos Shale. Other formations are listed in the 10-Point Subsurface Plan.

Information Source: Application to Drill.

1. Other Local Mineral Resources to be Protected: Prospectively valuable for coal. It exists in thin, lenticular beds in the Dakota Sandstone and is currently subeconomic.

Information Source: ME, District Geologist.

2. Hazards:

a. Land Stability: Location and access built on Mancos Shale. Material is stable, provided the slopes are moderate and moisture content is low.

Information Source: Application to Drill and Field observation.

b. Subsidence: Subsidence can occur with the withdrawal of oil, gas, and/or water.

Information Source: Keller, Edward A., 1976, Environmental geology, Charles E. Merrill, 488 pp.

c. Seismicity: Seismic risk: low. Statistically, greatest damage would be moderate, corresponding to intensity VII of Modified Mercalli Intensity Scale, 1931.

Information Source: Perkins, David M., 1974, Seismic risk maps, Reprint of Earthquake information bulletin, 6(6) Nov-Dec.; von Hake, Carl A., Earthquake History of Utah, NOAA; Algermissen, S. T., and Perkins, David M., 1977, Earthquake hazards map of the United States, Reprint from Earthquake Information Bulletin, 9(1) Jan-Feb., 4 pp.

- d. High Pressure Zones/Blowout Prevention: No high pressure zones expected. Blowout prevention systems detailed in APD.

Information Source: Application to Drill.

B. Soils

1. Soil Character: No detailed soil surveys done in area. Changes in soil fertility, horizons, slope stability, etc., cannot be predicted. Soils are considered nitrogen-poor, alkaline soils that support the salt-desert community.

Information Source: Field observation.

2. Erosion/Sedimentation: Erosion/sedimentation would increase as would runoff potential. Extent of increases unpredictable without site-specific studies being done.

Information Source: Field observation.

- C. Air Quality - Wellsite lies in Class II attainment area. No Class I attainment areas are near, or adjacent to, proposed location.

Information Source: BLM-Moab, Book Mountain Unit Resource Analysis.

- D. Noise Levels - Ambient noise levels temporarily elevated. Personnel safety could be jeopardized. Wildlife would avoid area.

Information Source: Field observation.

E. Water Resources

1. Hydrologic Character

a. Surface Waters: No significant impacts to surface water systems are expected, provided the operator maintains all adverse substances either on the pad or in a fluid-tight reserve pit.

Information Source: Field observation.

b. Groundwaters: Contamination to groundwaters through commingling with drilling fluids is possible.

Information Source: Field observation.

2. Water Quality

a. Surface Waters: Impacts to surface water quality are judged as insignificant, provided the operator maintains a fluid-tight reserve pit.

Information Source: Field observation.

b. Groundwaters: Operator proposes 160' of surface casing. Commingling of drilling fluids with potentially usable water could render groundwater unusable. Pits would be unlined.

Information Source: Application to Drill and Field observation.

## F. Flora and Fauna

1. Endangered and Threatened Species Determination

Based on the formal comments received from the Bureau of Land Management on July 14, 1980, we determine that there would be no effect on endangered and threatened species and/or their critical habitat.

2. Flora: Construction would remove about .72 acres of vegetation increasing potential for non-point erosion and decreasing soil fertility.

Information Source: Application to Drill and Field observation.

3. Fauna: Vegetation removal reduces wildlife habitats and food sources. Deer are not known to winter in the area. No known migratory bird nesting areas, strutting or breeding grounds, or fish-spawning areas would be impacted by proposed action.

Information Source: BLM-Moab, Book Mountain Unit Resource Analysis.

## G. Land Uses

1. General: Oil and gas operations, recreation, and grazing are major land uses. Amount and quality of land available to livestock, wildlife, and recreationists would be reduced during well life.

Information Source: Field observation.

2. Affected Floodplains and/or Wetlands: N/A

Information Source: Field observation.

H. Aesthetics: Operation would not blend with natural surroundings. Most likely unappealing to recreationists. Impact duration: life of well.

Information Source: Field observation.

I. Socioeconomics: The effect of one well on local and regional population and economy would be considered minor. If major discovery, then consider:

Population increase, community services taxed, resources depleted, cumulative impacts multiply, pipelines and transportation routes expand.

Information Source: G. Doyle, Environmental Scientist, USGS.

J. Cultural Resources Determination: Based on the formal comments received from the Bureau of Land Management on July 14, 1980, we determine that there would be no effect on cultural resources subject to no stipulations. Information Source: Bureau of Land Management - Moab.

K. Adequacy of Restoration Plans: Rehabilitation plan judged as adequate. Problems hampering restoration: a) Area subject to short growing season; b) limited precipitation during growing season; and c) generally, very little topsoil which has limited organic matter and is low in fertility.

Information Source: G. Doyle, Environmental Scientist, USGS.  
David Oberwager, Env. Spec. (Reclamation), USGS-AOSO.

#### Alternatives to the Proposed Action:

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur, the existing environment would remain in its present state, the lessee/operator would not realize any return on investments and the public would be denied a potential energy source.

2. Approving the project with the recommended stipulations - Under federal oil and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too severe or irreversible. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and Surface Management Agency supervision. Environmental impacts would be significantly mitigated.

#### Adverse Environmental Effects:

1. If approved as proposed:

a. About .72 acres of vegetation would be removed, increasing and accelerating erosion potential.

b. Pollution of groundwater systems would occur with the introduction of drilling fluids into the aquifer(s). The potential for interaquifer leakage and lost circulation is ever-present, depending on the casing program.

c. Minor air pollution would be induced on a temporary basis due to exhaust emissions from rig engines and support traffic.

d. The potential for fires, leaks, spills of gas and oil or water exists.

e. During construction and drilling phases of the operation, noise and dust levels would increase.

- f. Distractions from aesthetics during the lifetime of the project would exist.
- g. Erosion from the site would eventually be carried as sediment in the Colorado River. The potential for pollution would exist through leaks and spills.
- h. If hydrocarbons would be discovered and produced, further development of the area could be expected to occur, which would result in the extraction of an irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drillsites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.
- i. Other: Both cattle and sheep could be endangered by toxic or hazardous fluids in the reserve pit if it is not properly fenced.

2. Conditional approval

- a. All adverse impacts described in section one above would occur, except by fencing the reserve pit on three sides prior to drilling, and on the fourth side once the rig moves off, hazards posed by fluids to livestock and wildlife would be mitigated.

Recommended Approval Conditions:

Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

- 1. See attached Lease Stipulations.
- 2. See attached BLM Stipulations.
- 3. Move location 100' due west at operator's request.
- 4. Reduce disturbed surface of pad to 100' x 100'.
- 5. Fence reserve pit on three sides prior to drilling, and on the fourth side once the rig moves off.

Controversial Issues and Conservation Division Response: None known.

We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination

I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102(2)(C).

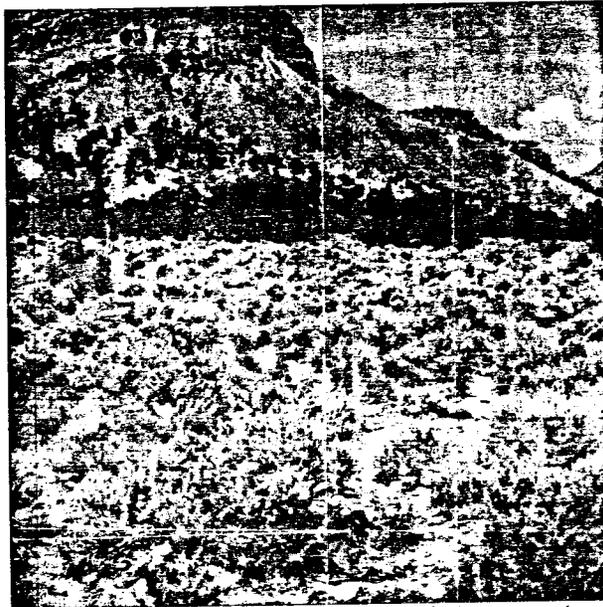
*W. J. Martens*

FOR E. W. GUYNN  
DISTRICT ENGINEER

AUG 01 1980

District Engineer  
U. S. Geological Survey  
Conservation Division  
Oil & Gas Operations  
Salt Lake City District

Date



*Amber O+H Tumbleweed #  
21-1-80 E, SIC, 21, 205, 21E  
Grand Co., Utah*

\*\* FILE NOTATIONS \*\*

DATE: April 10, 1980

Operator: Ambra Oil & Gas Company

Well No: Jumbleweed #21-1-80B

Location: Sec. 21 T. 20S R. 21E County: Grand

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-019-30648

CHECKED BY:

Geological Engineer: \_\_\_\_\_  
\_\_\_\_\_

Petroleum Engineer: W.S. Munder 5-15-80  
\_\_\_\_\_

Director: \_\_\_\_\_

*Kongas spacing km lease - forwarding survey plat 4/10/80 - K*

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 102-16B 11/15/79

O.K. Rule C-3

Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site

Lease Designation JOL

Plotted on Map

Approval Letter Written

*Wm*

#3

PI

May 22, 1980

Ambra Oil and Gas Company  
115 South Main, Suite 420  
Salt Lake City, Utah 84111

Re: Well No. TXO 15-1-80A, Sec. 15, T. 20S, R. 23E., Grand County, Utah  
Well No. Tumbleweed #27-3-80B, Sec. 27, T. 20S, R. 21E., Grand County, Utah  
Well No. Tumbleweed #21-1-80B, Sec. 21, T. 20S, R. 21E., Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas wells is hereby granted in accordance with the Order issued in Cause No. 102-16B dated November 15, 1979.

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

MICHAEL T. MINDER- Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

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

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

The API numbers assigned to these wells are #TXO 15-1-80A: 43-019-30642; Tumbleweed #27-3-80B: 43-019-30643; Tumbleweed #21-1-80B: 43-019-30644.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder  
P Petroleum Engineer

/btm

cc: USGS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**DUPLICATE**

5. LEASE DESIGNATION AND SERIAL NO. U-39499

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

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME

9. WELL NO.  
Tumbleweed 21-1-80B

10. FIELD AND POOL, OR WILDCAT  
Cisco Dome

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 21, T20S, R21E

12. COUNTY OR PARISH | 13. STATE  
Grand | Utah

1. 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  
Ambra Oil & Gas Company

3. ADDRESS OF OPERATOR  
115 South Main, Suite 420, Salt Lake City, UT 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
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860' FNL, ~~660'~~ 760' FEL, Sec. 21, T20S, R21E  
At proposed prod. zone

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15 miles northwest of Cisco, Utah

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16. NO. OF ACRES IN LEASE  
640 acres

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

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. over 7000'

19. PROPOSED DEPTH  
3400'

20. ROTARY OR CABLE TOOLS  
rotary-air

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

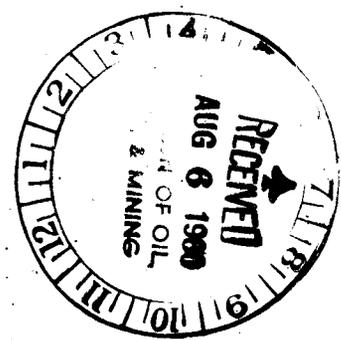
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Well will be drilled to test the Entrada.  
All shows encountered will be tested.

Blowout equipment to be used:  
  
Rigan Torus BOP  
Tested to 5000 PSI  
with a 600 series power accumulator



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

24. SIGNED [Signature] TITLE Production Manager DATE 5-9-80

(This space for Federal or State office use)

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

APPROVED BY [Signature] FOR E. W. GUYNN DISTRICT ENGINEER DATE AUG 05 1980

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY  
\*See Instructions On Reverse Side

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

NOTICE OF APPROVAL

*Utah State Oil & Gas*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Oil and Gas Supervisor or  
District Engineer (Address, include zip code)

SURFACE DISTURBANCE STIPULATIONS

Management Agency (name)

Address (include zip code)

See reverse side.

See reverse side.

1. Notwithstanding any provision of this lease to the contrary, any drilling, construction, or other operation on the leased lands that will disturb the surface thereof or otherwise affect the environment, hereinafter called "surface disturbing operation," conducted by lessee shall be subject, as set forth in this stipulation, to prior approval of such operation by the Area Oil and Gas Supervisor in consultation with appropriate surface management agency and to such reasonable conditions, not inconsistent with the purposes for which this lease is issued, as the Supervisor may require to protect the surface of the leased lands and the environment.

2. Prior to entry upon the land or the disturbance of the surface thereof for drilling or other purposes, lessee shall submit for approval two (2) copies of a map and explanation of the nature of the anticipated activity and surface disturbance to the District Engineer or Area Oil and Gas Supervisor, as appropriate, and will also furnish the appropriate surface management agency named above, with a copy of such map and explanation.

An environmental analysis will be made by the Geological Survey in consultation with the appropriate surface management agency for the purpose of assuring proper protection of the surface, the natural resources, the environment, existing improvements, and for assuring timely reclamation of disturbed lands.

3. Upon completion of said environmental analysis, the District Engineer or Area Oil and Gas Supervisor, as appropriate, shall notify lessee of the conditions, if any, to which the proposed surface disturbing operations will be subject.

Said conditions may relate to any of the following:

- (a) Location of drilling or other exploratory or developmental operations or the manner in which they are to be conducted;
- (b) Types of vehicles that may be used and areas in which they may be used; and
- (c) Manner or location in which improvements such as roads, buildings, pipelines, or other improvements are to be constructed.

For all counties in Utah except San Juan County:

Area Oil and Gas Supervisor  
Geological Survey,  
P. O. Box 2859  
Casper, Wyoming 82601

For San Juan County:

Area Oil and Gas Supervisor  
Geological Survey,  
P. O. Box 26124  
Albuquerque, New Mexico 87125

Form 3109-5 (August 1973)



# United States Department of the Interior

IN REPLY REFER TO

3100  
(U-603)

BUREAU OF LAND MANAGEMENT

Moab District  
Grand Resource Area  
P. O. Box M  
Moab, Utah 84532

July 11, 1980

Memorandum

To: Oil & Gas Office, USGS Conservation Division,  
P.O. Box 3768, Grand Junction, Co. 81502

From: Area Manager, Grand

Subject: Ambra Oil and Gas Co.  
Tumbleweed 21-1-80 B, lease # 39499  
NENE Section 21 T. 20 S., R. 21 E. SLB&M  
Grand County, Utah

On June 25, 80, a representative from this office met with Glen Doyle, USGS, and Kerry Miller agent of Ambra Oil and Gas Co. for an inspection of the above referenced location. Subject to the attached conditions, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to Ambra Oil and Gas Co.

*C. Delano Beckus*

Enclosures (2)  
1-Reclamation Procedures  
2-Seed Mixture



Save Energy and You Serve America!

14 JUL REC'D

## STANDARD STIPULATIONS FOR OIL & GAS EXPLORATION

Contact this office at least 24 hours prior to beginning construction of access road and pad.

Stockpile the surface 12" of topsoil in a wind-row on the North end of the location.

The upper banks (uphill side) of all cuts will be rounded during construction of the access road and pad.

Notify the BLM District Archaeologist if cultural material from sub-surface deposits is exposed during the operation.

The trash cage will be at the location and fenced with fine mesh wire during drilling operations.

The "blooey" line will be centered and directed into the pit.

If production is obtained, the access road will be upgraded to BLM specifications for long-term roads as outlined in the surface use standards section of the "Oil and Gas" pamphlet (joint BLM ,USGS &USFS publication).

If production is obtained, all production facilities will be painted "desert tan" or a similar color approved by the Grand Resource Area Manager.

Rehabilitation of the site and access road will be accomplished in accordance with the enclosed restoration procedures.

Production facilities and pipeline route are approved on this location under lease rights.

As agreed upon at the Pre-drill field examination:

Access road-

Existing trail through Section 22 and 23 T. 20 S., R21 E.; will be up-graded per Right-of-way from BLM. Two low water crossings will be installed. Approximately 100 feet of new road will be constructed in Section 21 T. 20 S., R.21 E., and top soil will be win\_rowed along the North side of the road.

Well Pad-

Well location will be moved 100 feet West. Pad access will be exchanged to Northeast corner. Disturbed surface area will be reduced from multi-point plan submission of 150 feet X200 feet to a disturbed area of 100 X 100 feet. The rest of the 150 feet X 200 feet can be used for vehicles, trailers, parking, but not graded.

RECLAMATION PROCEDURES IN GRAND RESOURCE AREA

1. Disk or rip pads and access roads.
  - a. Overlap passes in order to insure complete treatment.
2. Contour pads and access roads.
  - a. Lay beams into centers.
  - b. Use cut material for fill areas.
  - c. Lay stockpiled surface soil over top of pads and spread evenly.
  - d. On highly erosive soils, it may be more beneficial to grade slopes to reduce steepness.
  - e. Do not smooth pads out, leave a roughened surface. On steeper slopes and slopes with clayey soils scarify or serrate the ground in order to increase water infiltration and reduce erosion.
3. Water bar roads where required by this office.

* 2%	Grade	-	200 ft. intervals
2-4%	Grade	-	100 ft. intervals
4-5%	Grade	-	75 ft. intervals
5%	Grade	-	50 ft. intervals

\* Actual spacing may vary according to soil stability. Lighter textured soils will require more frequent water bars. When natural drainage ways are present, water bars are to be constructed to make maximum use of them. Plan operations so that natural drainage ways do not become blocked.

4. Seed roads and pads in the fall (Oct. through mid-Dec.).

SPECIES

Grasses  
 Oryzopsis hymenoides  
 Hilaria jamesii

Forbs  
 Sphaeralcea coccini

Shrubs  
 Artiplex confertifolia  
 Ceretoides lanata

Indian Rice Grass  
 Curley Grass

Globe Mallow

Shadscale  
 Winter Fat

LB/ACRE

1  
 1

1

1  
 1  
 5

*Glenn*

FROM: DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-39499

OPERATOR: Ambra Oil & Gas Company

WELL NO. Tumbledweed 21-1-80 B

LOCATION: C NW 1/4 NW 1/4 sec. 15, T. 20S., R. 21E., SLM

Grand County, Utah

1. Stratigraphy:

Mancos	Surface		
Dakota	2670'	Salt wash	3015'
Cedar Mtn	2710'	Summerville	3315'
Buckhorn	2860'	Entrada	3365'
Morrison	2890'	TD	3400'

2. Fresh Water:

Fresh water may be encountered in sandstone units of the Mancos to ~ 500'. Slightly saline water may be encountered in the Dakota and the Cong. member of the Cedar Mountain.

3. Leasable Minerals:

Prospectively valuable land for coal.  
 The coal exists as thin, lenticular beds in the Dakota and is currently subeconomic.  
 Within 500' of Cisco Dome Geothermal KGS ~ 500' to the east. Geothermal resource is currently unproven.

4. Additional Logs Needed: Temperature Log

5. Potential Geologic Hazards: None anticipated.

6. References and Remarks:

29 MAY 1980

Signature: Gregory W Wood

Date: 5-26-80

*Amber Oil & Gas*  
*21-205-21E*

*Glenn*

Memorandum

To: District Oil and Gas Engineer, Mr. Edward Guynn

From: Mining, Supervisor, Mr. Jackson W. Moffitt

Subject: Application for Permit to Drill (form 9-331c) Federal oil and gas lease No. U-39499 Well No Tumblewood 21-1-80B

1. The location appears potentially valuable for:

- strip mining\*
- underground mining\*\*
- has no known potential.

2. The proposed area is

- under a Federal lease for \_\_\_\_\_ under the jurisdiction of this office.
- not under a Federal lease under the jurisdiction of this office.
- Please request the operator to furnish resistivity, density, Gamma-Ray, or other appropriate electric logs covering all formations containing potentially valuable minerals subject to the Mineral Leasing Act of 1920.

\*If location has strip mining potential:

Surface casing should be set to at least 50 feet below the lowest strip minable zone at \_\_\_\_\_ and cemented to surface. Upon abandonment, a 300-foot cement plug should be set immediately below the base of the minable zone.

\*\*If location has underground mining potential:

The minable zones should be isolated with cement from a point 100 feet below the formation to 100 feet above the formation. Water-bearing horizons should be cemented in like manner. Except for salines or water-bearing horizons with potential for mixing aquifers, a depth of 4,000 feet has been deemed the lowest limit for cementing.

Signed *Allen J. Vance*

JUN-16 REC'D

March 28, 1980

U.S. Geological Survey  
1745 West 1700 South  
2000 Admin. Building  
Salt Lake City, Utah 84104

RE: NTL-6  
Supplementary Information  
for APD, 9-331-C

Attn: Mr. Ed Guynn

Application for Ambra Oil & Gas Co., a Utah Corporation to drill in the NE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 21, T20S, R21E, Grand County, Utah is set forth on Form 9-331C. This letter is to set forth the additional information required on the NTL-6 regulation.

1. Geologic name of surface formation: Cretaceous Mancos shale.

2. & 3. Geologic tops and formation depths:

Cretaceous	Mancos shale	surface	
	Dakota	2,670'	gas
	Cedar Mountain	2,710'	oil & gas
	Buckhorn	2,860'	oil & gas
Jurassic	Morrison	2,890'	
	Salt Wash	3,014'	oil & gas
	Summerville	3,315'	
	Entrada	3,365'	

4. Casing program: See Form 9-331C.

5. Pressure control equipment: Operator will use 8 5/8" good PSI spool with rigan torus BOP above spool. An 8 5/8" 5,000 PSI spool will be used above BOP. A rotating head will be used above the flow line spool. The BOP is bag type, 600 series rigan torus of 7 1/16" I.D. BOP will be tested every 24-hours during daily operations.

6. Drilling and circulating medium: Operator plans to drill with air and air mist as far as possible. Water base drilling fluid will be used in the event formation water is encountered and to control or kill oil or gas flows when running long string... 4 1/2" 10.5 lb. casing--mud invert polymer type bio-degradable mud 8.2 lb. per gallon. Weight and mud to 10 lb. per gallon if required will be provided. The addition of potassium (KCL) choloride D.H. chemical added as required.

7. Auxiliary equipment: (1) Kelly Cock-Demlo (2) floats at the bits-yes and string (3) monitoring equipment on mud system--none. (4) sub on floor with a full opening valve. The fill, kill and choke lines will be attached to well head blow BOP. Also auxiliary equipment to be used.

- a. 6,000# shut off valve on stand pipe.
- b. One float at bit and two string floats.
- c. Sub 3 1/2" IF to 2" valve for controlling blowouts for use when making round trips in event of well blowouts.

8. Testing logging, coring: Schlumberger or Birdwell. No DST's programmed. Dual induction laterlog (DIL) compensated neutrom & formation density (CNFD) caliber log (CL) sonic BHC. If casing is run, a cement bond log (CBL) and a gamma ray (GRL). Drilling, take samples every 10' starting at 500' to TD. Microscope analysis will be done by a certified geologist. Drillers and penetration logs. No coring planned.

9. Maximum bottom hole pressure expected is 1500 PSI. Flexibility provisions are the BOP and high pressure fittings and couplings. No hydrogen sulfide problems are expected.

10. Starting date is May 30, 1980 and should take from seven to twenty-four days.

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 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 Ambra Oil & Gas Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

5-9-80  
Date

*Lucy Miller* Production Manager  
Name and Title

U.S. Geological Survey  
2000 Admin. Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104

RE: Tumbleweed 21-1-80A  
Multipoint Requirements  
to Accompany APD

Attention: Mr. Ed Gynn

1. Existing Roads

- a. Proposed well site is staked. See surveyors plot.
- b. Route and distance from nearest town or locatable reference point to where well access route leaves main road. West exit from Cisco/Bookcliff exit I-80, 11 miles due north toward Bookcliffs on the Cunningham Ranch Windy Mesa Road. Go past corral to the first road which intersects from the south (left). Open gate and proceed up this road (designated jeep trail). This trail intersects two N P Energy well locations and proceeds NW to the first intersection. At this intersection take the south road (left) until you come to the second intersection. Turn right (NW) 400 yards to the well pad access road. From existing jeep trail to well pad is less than 100'. Road is center lined, surveyed and flagged in preparation for the right-of-way application. Surveyors plat of this road is enclosed.
- c. Access road(s) to location color coded or labeled, red lines.
- d. If exploratory well, all existing roads within 3 miles. Sec. 14, 15, 16, 23, 24 - Main Cunningham Ranch access road. Sec. 22, 23 - Jeep trail unimproved surface scraped road. Sec. 23, 27 - Ambra Oil & Gas Tumbleweed #1 access road. Unimproved surface scraped. Sec. 27, (S $\frac{1}{2}$ ) 34 - C. C. Co. access road unimproved surface scraped. Sec. 22 - abandoned seismic road in the W $\frac{1}{2}$ , unimproved surface scraped. Access road color coded in red with existing roads colored in blue.
- e. If development well, all existing roads within 1 mile radius. Does not apply.
- f. Plans for improvement and/or maintenance of existing roads: Main road is improved and maintained by Grand County. New road from existing road to each will be bladed out 15' path-like road. In the event of production, operator will work to maintain graded and improved road year-round, including regrading.

2. Planned Access Roads

1. Width: 15' bladed out on flat land.
2. Maximum grades: four degrees.
3. Turnout: Access road is straight, no turnouts needed.
4. Drainage design: small borrow pits on each side for easy draining.  
There are no major drainage problems.
5. Dry wash cuts and fills as per on-site inspection. No culverts needed. Dry cut required 400' SE of location on access road. Four foot dry wash cut, wash bottom is hard sand and graveled. Can be graded out very easily with minimum disturbance. All soil from cut will be stock piled on the four corners.
6. Surfacing material: none needed. Land will be disturbed little. No foreign material needed or necessary.
7. Necessary gates, cattleguards, or fence cuts: none needed, no fences, etc.
8. New or reconstructed roads: Operator will make use of existing jeep trail in Sec. 22 and 23. We will upgrade this road with small borrow pits on each side for easy drainage. The road will be 15' wide surface bladed and not more than a 3% grade at any point. Dry wash will be graded out as according to on-site inspection.

3. Location of Existing Wells

- a. See USGS topo map.
- b. Producing wells in one mile radius:
  1. Sec 16 Sun International 16-1, oil & gas
- c. Producing wells in a two mile radius:
  1. Sec 9 T (NENW), oil
  2. Sec 10 Anschutz (NENW), oil & gas
  3. 10 Ut. CA (NWSE), oil & gas
  4. Sec 14 N P Energy 14-1, gas
  5. 14 C & H (SENW), gas
  6. 14 N P Energy 14-3, gas
  7. Sec 23 N P Energy 23-1, gas
  8. Sec 27 Ambra Oil & Gas Tumbleweed #1, gas
- d. There are no water, disposal, injection or observation wells within a one mile radius.

4. Location of Existing and/or Proposed Facilities

a. Operator currently controls no tank batteries, production facilities, oil and gas gathering lines, injection lines or disposal lines within a one mile radius of this well location. However, pending right-of-way, a gas connection to the Tumbleweed #1 well will be laid from Northwest Pipeline in the N $\frac{1}{4}$  of Sec. 26 and NE $\frac{1}{4}$  of Sec. 27. A three-stage separator will be added at this time and an oil tank, if necessary.

b. In the event of production, a sundry notice will be submitted to the USGS and BLM area office with a sketch of the area showing planned production facilities. All open exposed pits will be fenced to protect area livestock and wildlife and an earthen fire bunker around any tanks. Any gas lines will be made on the surface to the main 6" Northwest Pipeline gathering trunk in the NE $\frac{1}{4}$  of Sec. 23.

c. Plan for rehabilitation of the stripped areas no longer needed for operations after construction; this will be fenced until fluid evaporates and filled in. That will be reseeded anywhere from October 15 to November 15, as required by the BLM. The seeding prescribed by the BLM will be used. The surface area is basically flat, however, the area will be graded to the original contours. Construction of rehabilitation will be limited to the original well pad and at no time will any of our operations require any more area than the requested well pad (200' x 200'). All stock piled surface soil will be graded back over the location after contouring.

5. Location and Type of Water Supply

a. Show location or description: Nash Wash; indicated in green, two miles east of location. Permission for water usage has been granted by W. C. Cunningham of Cunningham Cattle Company. Arrangements will be made for him with respect to using his water sources.

b. State method of transporting water: water tank truck. No new roads or pipelines will be required for a water supply.

c. No water well planned or needed.

6. Source of Construction Materials

a. None used or needed, this is flat desert land on mancos shale formations. In this area the best method of road construction is to blade road lightly water pack down, when ground is disturbed a great deal the road is poor and not easy to travel. When lightly bladed with borrow pits to each side for easy drainage, no additional material is needed. The location will be on federal land so if any sand or gravel is needed, it will be brought into the area from a private source in Thompson, Utah, 16 miles west. Until production is established, road will be surface scraped dirt road from the existing road to the proposed well location.

b. See AEC topo map enclosed.

7. Methods of Handling Waste Disposal

1. Cutting: Waste pits as shown on detail or drill site.
2. Drilling fluids: pits
3. Produced Fluids (oil and water) tanks and pits. The blowby line will be 125' long, centered and angled down into the trenched pit. It will be anchored. The blowby line will be misted while drilling with air.
4. Sewage: self-contained trailer.
5. Garbage: Trash pits six feet deep and fenced with small mesh wire to prevent wind scattering trash before being trucked away, burned or buried.
6. The area will be free of trash and debris when rig moves out.

8. Auxiliary Facilities

none other than trailer and dog house.

9. Well-Site Layout

1. Cross section of drill pad with cuts and fills 200' x 200' (required size, but actual drill pad will be much smaller). Drill pad is flat and will require few cuts and fills. Anything more than minimum cuts and fills will be discussed as per on-site inspection. Surface soil will be stock piled on the west side of location, 12" high. Size of well pad contingent on surface area available.

2. Mud tanks, reserve, burn and trash pits, etc. See drawing.

3. See drawing.

4. Pits are to be unlined. They will be fenced on three sides with sheep wire and one strand of barb wire from the time construction of the pit is completed until drilling operations are completed. At this time, if there is any fluid in the pit the fourth side will be fenced in the same manner until all fluids evaporate. We will work with field representative from USGS or BLM for any additional needs.

10. Plans for Restoration of Surface

1. We will backfill and level to contour of land before drilling. Waste disposal will be accomplished as follows: all portable waste will be burned and buried in waste pit. All other trash will be hauled out of the area.

2. Revegetation and rehabilitation: the grounds including the access road will be conditioned and revegetated and seeded as per BLM requirements, that being regrading of the surface soil and reseeding to take place from October 15 to November 15.

3. After the rig is moved.

4. If there is oil in the pit, we will either remove it or install overhead flagging.

5. Rehabilitation of the well site area will be completed within 60-days after the spud date. With the exception of reseeding following BLM instructions (Oct. 15 to Nov. 15).

#### 11. Other Information

The location is part of the Green River desert area. No trees grown on the Mancos shale valley, only sagebrush and shad. Cattle graze the area in fall and spring seasons. There is no water and very little vegetation. Cisco Springs is 11 miles away and the nearest town, Cisco, is 15 miles to the southeast with practically no dwellings and no evidence of historical, cultural nor archeological value. There will be no other surface use.

#### 12. Operator

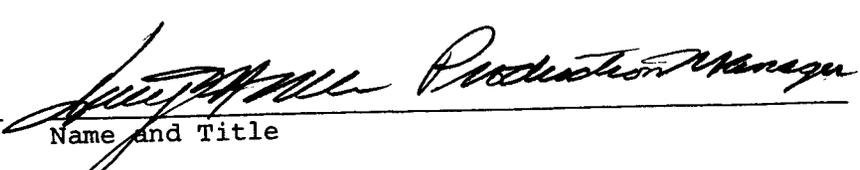
Ambra Oil & Gas Company  
115 South Main Street, Suite 420  
Salt Lake City, Utah 84111  
Telephone: (801) 532-6640  
Attention: Kerry Miller, Wes Pettingill

#### 13. Certification

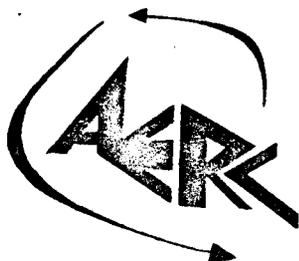
The following statement is to be incorporated in the plan and must be signed by the lessee's or operator's field representative who is identified in Item 12 of the plan.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; 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 AMBRA OIL & GAS COMPANY and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

5-9-80  
Date

  
Name and Title

RECEIVED APR 22 1980



# ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

588 West 800 South Bountiful, Utah 84010  
Tel: (801) 292-7061 or 292-9668

April 21, 1980

Subject: Archeological Reconnaissance of One Proposed  
Well Location - Tumbleweed 21-1 - in the  
Nash Wash Locality of Grand County, Utah

Project: Ambra Oil and Gas - 1980 Drilling Program

Project No.: AOG-80-2

Permit: Dept. of Interior No. 79-Ut-061

To: ✓ Mr. Kerry Miller, Ambra Oil and Gas, Prudential  
Federal Savings Building, Suite 420-430, 115 S.  
Main, Salt Lake City, Utah 84111

Mr. E. W. Guynn, Office of the District Engineer,  
U.S.G.S., Oil and Gas Operations, Conservation  
Division, 2000 Administration Bldg., 1745 West  
1700 South, Salt Lake City, Utah 84104

Mr. Del Backus, BLM Area Manager, Bureau of Land  
Management, Grand Resource Center, P.O. Box M.,  
Moab, Utah 84532

Mr. Gene Day, BLM District Manager, Bureau of  
Land Management, Moab Office, P.O. Box 970,  
Moab, Utah 84532

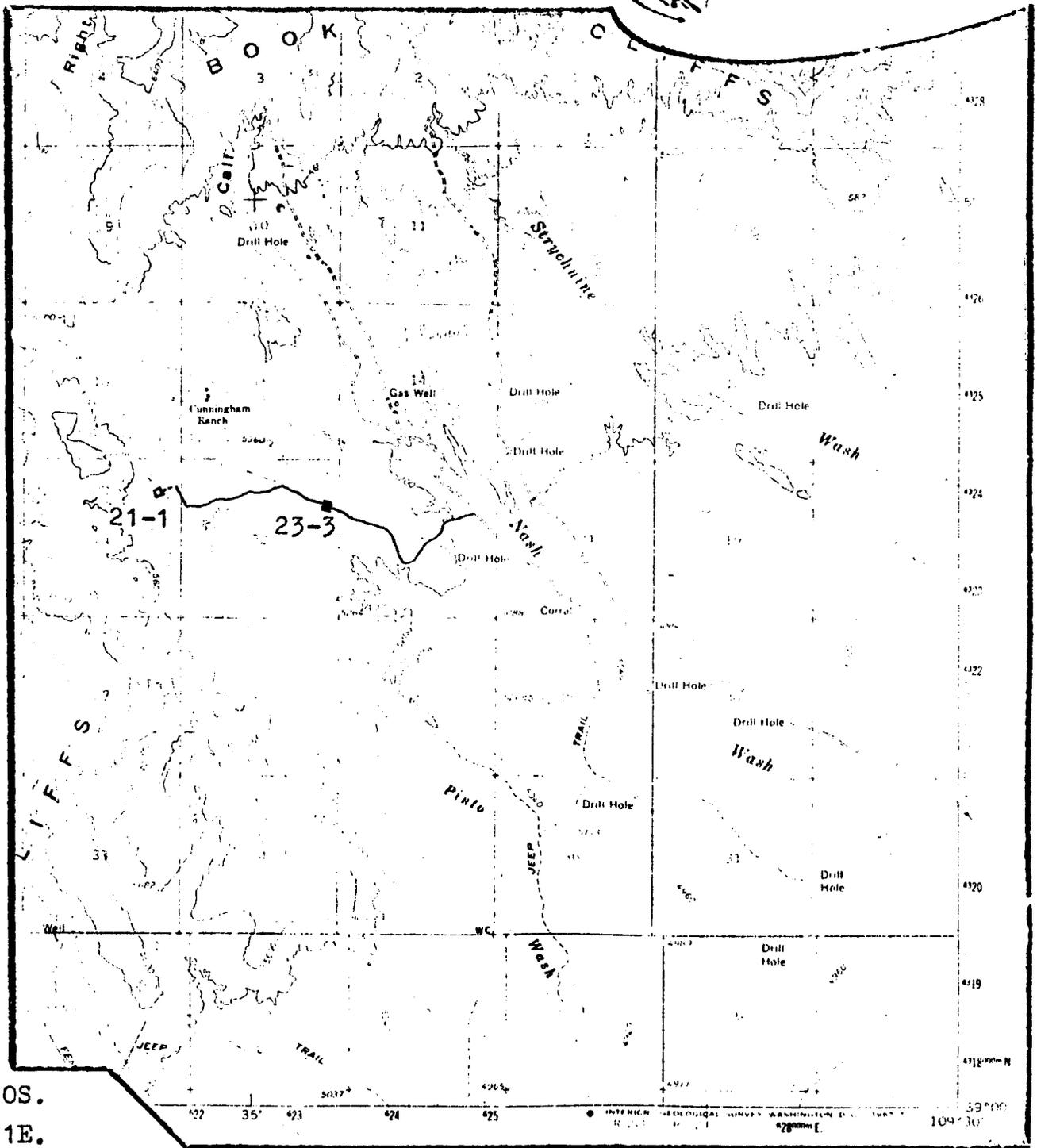
Info: Mr. Richard Fike, BLM Archeologist, Bureau of  
Land Management, University Club Bldg., 136 East  
South Temple, Salt Lake City, Utah 84111



1. All vehicular traffic, personnel movement, and construction to be confined to the locations examined and to access roads leading into these locations.

2. All personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area.

3. A qualified archeologist be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the construction area.



T. 20S.  
R. 21E.

Meridian: Salt Lake B. & M.

Quad:

Project: AOG-80-2  
Series: Eastern Utah  
Date: 4/16/80

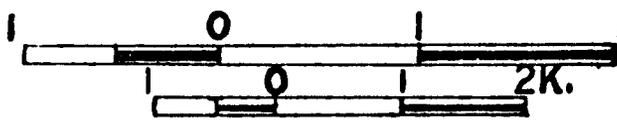
**DRILL LOCATION  
"TUMBLEWEED" #21-1  
IN THE  
NASH WASH LOCALITY  
OF  
GRAND COUNTY, UTAH**

Sego Canyon,  
Utah  
15 Minute, USGS

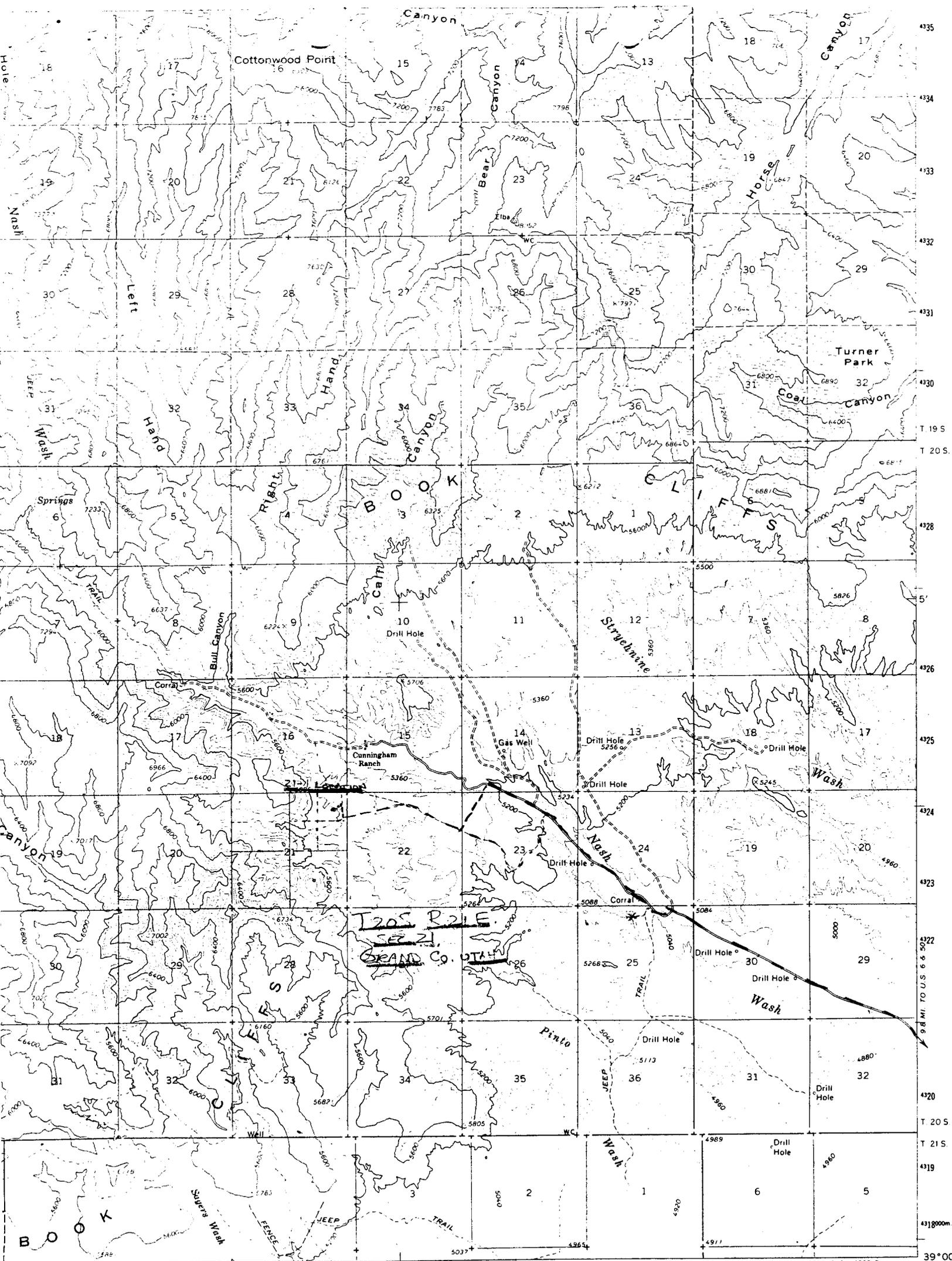


Legend:

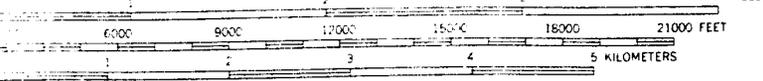
- Drill Location
- End of Access Survey
- Existing Road To Be Improved
- Access Route



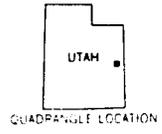
Scale



(THOMPSON)  
4061 I  
SCALE 1:62500



CONTOUR INTERVAL 80 FEET  
DOTTED LINES REPRESENT 40-FOOT CONTOURS  
DATUM IS MEAN SEA LEVEL



QUADRANGLE LOCATION

ROAD CLASSIFICATION  
 Light-duty ——— Unimproved dirt - - - - -  
 State Route ○

SEGO CANYON, UTAH  
N3900—W10930/15

1963

AMS 4062 II—SERIES V797

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
 GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.  
 DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

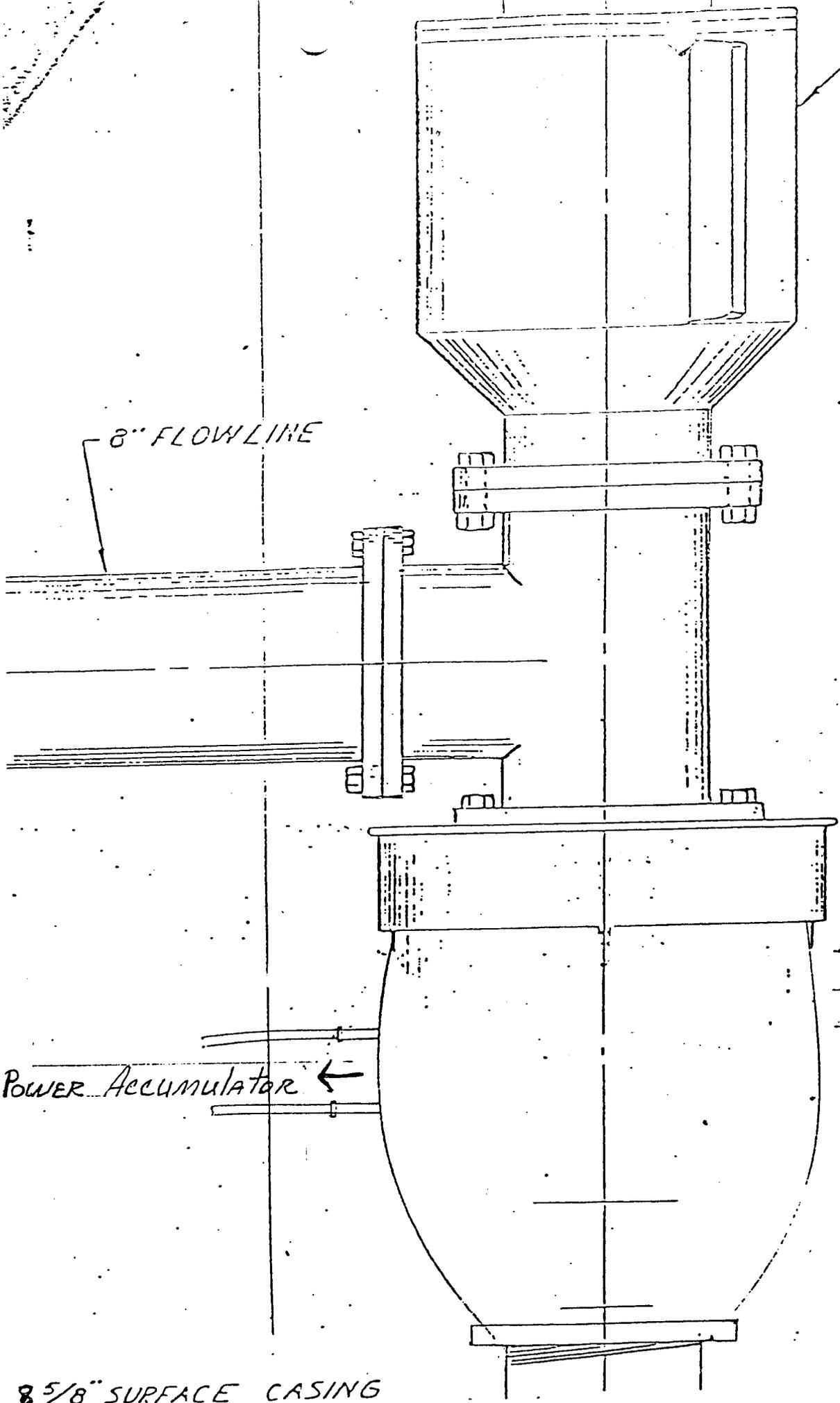
ROTATING HEAD

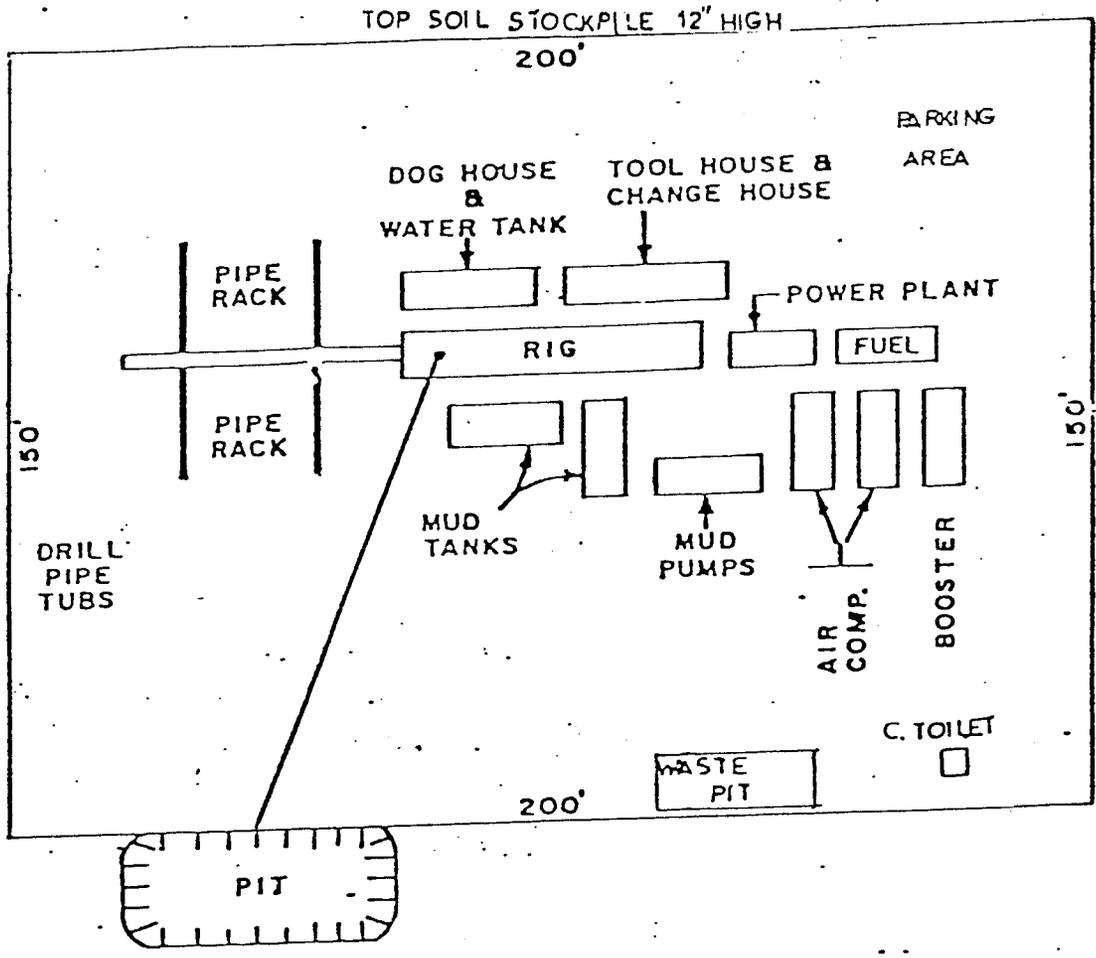
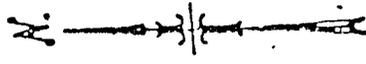
8" FLOWLINE

RIGAN TORUS  
UNYP Closing  
B.O.P.

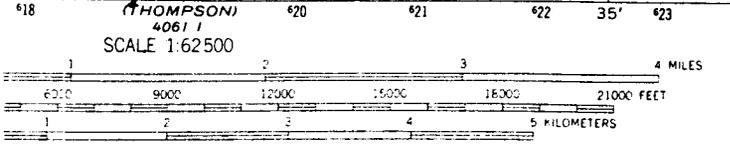
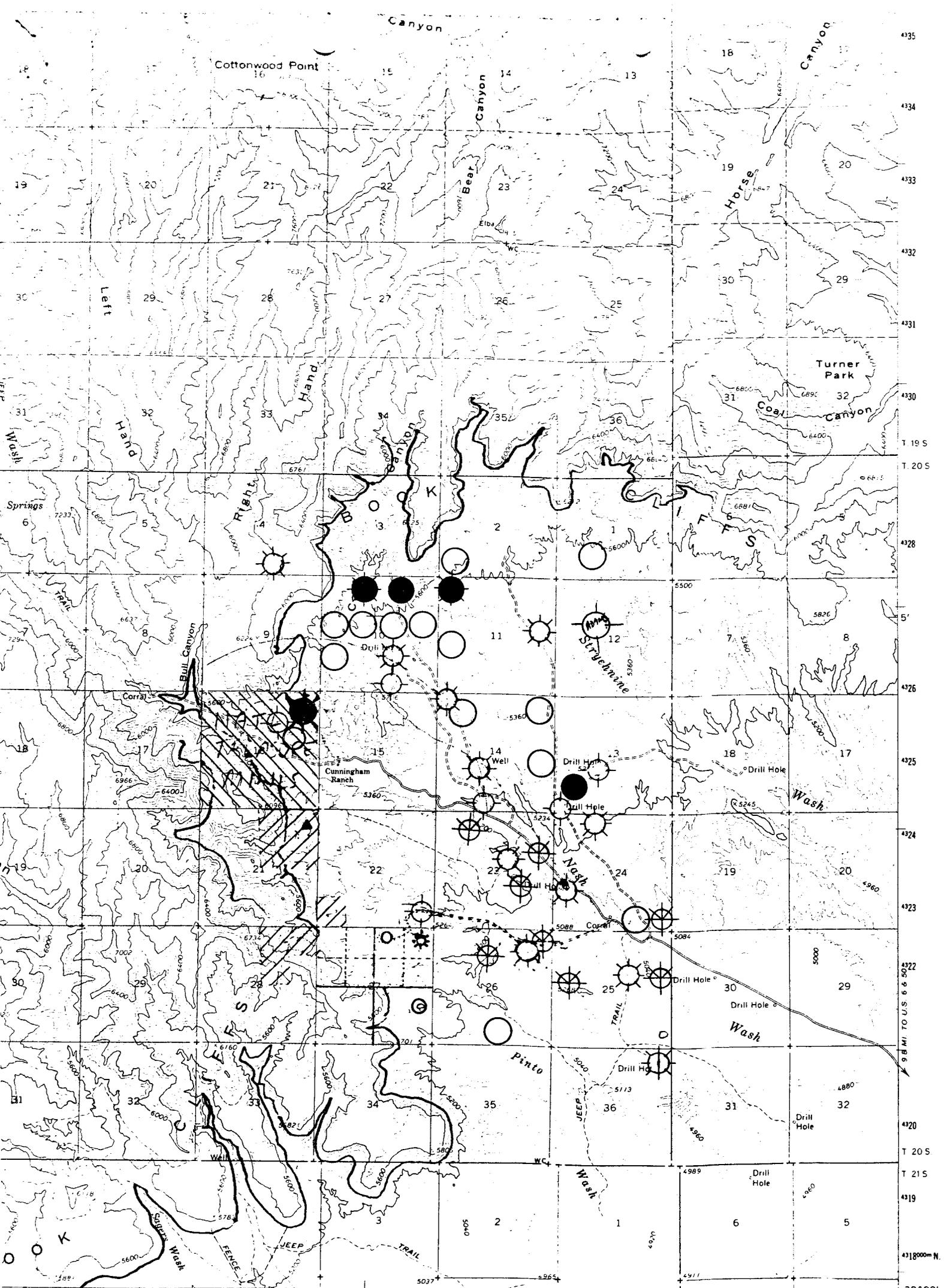
POWER Accumulator ←

8 5/8" SURFACE CASING



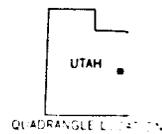


SCALE: 1" = 40'



CONTOUR INTERVAL 80 FEET  
 DOTTED LINES REPRESENT 40 FOOT CONTOURS  
 DATUM IS MEAN SEA LEVEL

COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
 FEDERAL GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.  
 FOR INFORMATION ON TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION  
 Light-duty  
 Unimproved dirt  
 State Route

**SEGO CANYON, UTAH**  
 N3900—W10930/15

1963

AMS 4062 II—SERIES V797

4335  
 4334  
 4333  
 4332  
 4331  
 4330  
 T 19 S  
 T 20 S  
 4328  
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 4323  
 4322  
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 60'  
 70'  
 80'  
 90'  
 100'  
 T 20 S  
 T 21 S  
 4319  
 4318000 N  
 39°00'

INTER-STATE GEOLOGICAL SURVEY WASHINGTON, D. C. 1965-T  
 R 2 E R 22 E 428000 E 109°30'

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Ambra Oil and Gas Company

WELL NAME: Tumbleweed #21-1-80B

SECTION 21 NE NE TOWNSHIP 20S RANGE 21E COUNTY Grand

DRILLING CONTRACTOR Starner Drilling

RIG # 9

SPUDED: DATE 8/7/80

TIME 3:00 p.m.

HOW rotary

DRILLING WILL COMMENCE ASAP

REPORTED BY Kerry Miller

TELEPHONE #

DATE August 8, 1980

SIGNED *M. J. Miller*

cc: USGS

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

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

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-39499

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Tumbleweed

9. WELL NO.

21-1

10. FIELD AND POOL, OR WILDCAT

Cisco Dome

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

Section 21

T20S, R21E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

**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.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

Ambra Oil & Gas Company

3. ADDRESS OF OPERATOR

115 South Main, Suite 420, Salt Lake City, Utah 84111

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

860' FNL, 760' FEL of  
Section 21  
T20S, R21E

14. PERMIT NO.

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

5535' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <u>Update</u>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Update</u>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

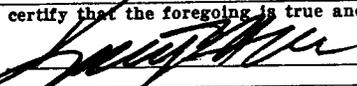
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

TD: 3406'

Cemented in 3312' of long string casing (4 1/2", 10.5 lb) with 100 sacks R.F.C. cement on 8-15-80. Currently W.O.C.T.

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

SIGNED



TITLE Production Manager

DATE 1/12/81

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FROM: DISTRICT GEOLOGIST, S, SALT LAKE CITY, UTAH  
TO: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH  
SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-39499  
WELL NO. Tumbleweed 21-2

OPERATOR: Ambra O & G  
LOCATION: C SE 1/4 NE 1/4 sec. 21, T. 20S., R. 21E., SLM  
Grand County, Utah

1. Stratigraphy: Operator tops seem reasonable

Mancos	surface
Dakota	2010'
Cedar Mtn.	2870'
Morrison	3060'
Salt Wash	3240'
Summerville	3495'
<u>TD</u>	<u>3550'</u>

2. Fresh Water:

None expected - surface casing is adequate \*

3. Leasable Minerals:

Possible coal in the Ferron Sandstone member of the Mancos (which will occur between 2300' and 2800' depth) and in the Dakota. The coal will occur in thin, lenticular beds and is currently non-commercial.

4. Additional Logs Needed: Suite is adequate

5. Potential Geologic Hazards: None expected

6. References and Remarks:

\* First 1,000' of SP-Resistivity well logs from T.20S, R.21E, Secs. 9, 22, 24, 26

Signature: Gregory W. Wood Date: 10-28-80

DEPARTMENT OF  
GEOLGICAL & MINING

United States Department of the Interior  
 Geological Survey  
 2000 Administration Building  
 1745 West 1700 South  
 Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator/Project Name Ambra Tumbleweed 21-2  
 Project Type Development Gas Test  
 Project Location 1700' FNL 660' FEL, Sec. 21, T20S, R21E, Grand Co., UT  
 Date Project Submitted October 2, 1980

FIELD INSPECTION Date November 25, 1980

Field Inspection

Participants	<u>Wes Pettingill</u>	<u>Ambra</u>
	<u>Leonard Lewis</u>	<u>Galley Construction</u>
	<u>Elmer Duncan, Mical Walker</u>	<u>Bureau of Land Management</u>
	<u>Glenn Doyle</u>	<u>U. S. Geological Survey</u>

Typing In & Out: 1/26/81

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

January 23, 1981  
 Date Prepared

Glenn M. Doyle  
 Environmental Scientist

I concur

1/30/81  
 Date

E. W. [Signature]  
 District Supervisor

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety					1, 2			11-25-80	
2. Unique characteristics					1, 2				(
3. Environmentally controversial					1, 2				
4. Uncertain and unknown risks						4			
5. Establishes precedents					1, 2				
6. Cumulatively significant					1, 2		6		
7. National Register historic places	1 - 1/16/81								(
8. Endangered/threatened species	1 - 1/16/81								
9. Violate Federal, State, local, tribal law						4			3

Site-specific stipulations attached..

COMMON REFERENCE LIST

NEPA Categorical Exclusion Review

1. SMA Input
2. Reviews, reports, or information received from Geological Survey (CD, GD, WRD, TD).
3. Lease Stipulations/Terms
4. Application to Drill
5. Operator correspondence
6. Field observation
7. Private Rehabilitation Agreement

8/80

DEPARTMENT OF  
GEOLOGY AND MINING

March 31, 1981

Ambra Oil & Gas Corporation  
115 South Main Street, Suite 420,  
Salt Lake City, Utah 84111

Re: SEE ATTACHED SHEEE  
~~February, 1981~~ thru March, 1981)  
February 1981

Gentlemen:

Our records indicate that you have ~~not~~ filed the monthly drilling reports for the monthssindicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience..

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

  
SANDY BATES  
CLERK-TYPIST

ATTACHED SHEET OF WELL NO.

1. Well No. Tumbleweed #21-1-80B  
Sec. 21, T. 20S. R. 21E.  
Grand County, Utah
  
2. Well No. Tumbleweed #27-4-80C  
Sec. 27. T.20S. R. 21E.  
Grand County, Utah
  
3. Well No. Tumbleweed #27-5  
Sec. 27, T. 20S. R. 21E.  
Grand County, Utah
  
4. Well No. TXO Mesa 23-1  
Sec. 23, T. 20S. R. 23E.  
Grand County, Utah
  
5. Well No. Dancer #1  
Sec. 21, T. 20S. R. 24E.  
Grand County, Utah

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

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

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) <u>WOCT</u>		

5. LEASE U-39499
6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
7. UNIT AGREEMENT NAME N/A
8. FARM OR LEASE NAME
9. WELL NO. Tumbleweed 21-1-80B
10. FIELD OR WILDCAT NAME Cisco Dome
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 21, T20S, R23E
12. COUNTY OR PARISH Grand
13. STATE Utah
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD) K.B. 5545 G.L. 5535

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

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

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

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

SIGNED Kent A. Swanson TITLE Geologist DATE April 3, 1981

(This space for Federal or State office use)

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

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. <b>U-39499</b>
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		
2. NAME OF OPERATOR <b>AMBRA OIL &amp; GAS COMPANY</b>		
3. ADDRESS OF OPERATOR <b>American Plaza III, 47 W. 2nd So., S.L.C Utah 84101</b>		7. UNIT AGREEMENT NAME <b>N/A</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <b>Sec. 21 T. 20 S., R 21 E., 860' FNL 760' FEL</b> At top prod. interval reported below  At total depth		8. FARM OR LEASE NAME <b>Tumbleweed</b>
14. PERMIT NO. _____ DATE ISSUED _____		9. WELL NO. <b>21-1</b>
15. DATE SPUDDED <b>8/7/80</b>		10. FIELD AND POOL, OR WILDCAT <b>Cisco Dome</b>
16. DATE T.D. REACHED <b>8/14/80</b>		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <b>Sec. 21. T20S R21E</b>
17. DATE COMPL. (Ready to prod.) <b>5/18/81</b>		12. COUNTY OR PARISH <b>Grand</b>
18. ELEVATIONS (DP, REB, RT, OR, ETC.)* <b>5535'</b>		13. STATE <b>Utah</b>
19. ELEV. CASINGHEAD <b>5545'</b>		

20. TOTAL DEPTH, MD & TVD <b>3399 logger</b>	21. PLUG, BACK T.D., MD & TVD <b>-</b>	22. IF MULTIPLE COMPL., HOW MANY* <b>-</b>	23. INTERVALS DRILLED BY <b>→</b>	ROTARY TOOLS	CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <b>3298 - 3308 Salt Wash Member of Morrison</b> Top Bottom					25. WAS DIRECTIONAL SURVEY MADE <b>No</b>
26. TYPE ELECTRIC AND OTHER LOGS RUN <b>Dual Induction, Neutron Density, Cement Bond Log</b>					27. WAS WELL CORED <b>No</b>

**28. CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	32	160'	11"	35 sks. to surface	
4 1/2"	10.5	3400'	6 3/4"	65 sks to mancos	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3275	

31. PERFORATION RECORD (Interval, size and number) <b>3298 - 3308 1 spf.</b>	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	<b>3298 - 3308</b>	<b>18,000 gal. YF4G. 2000 gal WF40, 39,000 lbs. 20/40 sand. 420 bbls frac fluid into perf.</b>

**33.\* PRODUCTION**

DATE FIRST PRODUCTION <b>N/A</b>	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in) <b>S.I.</b>				
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—GAL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) \_\_\_\_\_ TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS \_\_\_\_\_

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

DIVISION OF OIL, GAS & MINING

SIGNED Kent Swanson TITLE Production Manager DATE 7/14/81

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.) formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	TOP	TRUE VERT. DEPTH
<b>37. SUMMARY OF POROUS ZONES:</b> SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES DESCRIPTION, CONTENTS, ETC.				
38.	GEOLOGIC MARKERS			
NAME	MEAS. DEPTH			
Mancos Shale	Surface			
Bottom 'G' Zone	2750'			
Dakota	2830'			
Cedar Mt.	2900'			
Brushy Basin	3010'			
Salt Wash	3230'			



SCOTT M. MATHESON  
Governor

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

CLEON B. FEIGHT  
Director

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON  
Chairman

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
MAXILIAN A. FARBMAN  
EDWARD T. BECK  
E. STEELE McINTYRE

July 31, 1981

Ambra Oil & Gas Company  
American Plaza III  
47 West 200 South, #510  
Salt Lake City, Utah 84101

Re: See Attachment

Gentlemen:

According to our records, a "Well Completion Report" filed with this office 7-13-81 and 7-14-81, from above referred to wells indicates the following electric logs were run: Dual Induction, Neutron Formation Density, Cement Bond Log, (for all wells). As of todays date this office ahs not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

*Sandy Bates*  
Sandy Bates  
Clerk-Typist

/lm

Attachment

1. Well No. Browndirt #2  
Sec. 14, T. 20S, R. 23E  
Grand County, Utah
2. Well No. TXO Mesa 23-1  
Sec. 23, T. 20S, R. 23E  
Grand County, Utah
3. Well No. Dancer #1  
Sec. 21, T. 20S, R. 24E  
Grand County, Utah
4. Well No. Tumbleweed 21-1  
Sec. 21, T. 20S, R. 21E  
Grand County, Utah

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  
AMBRA OIL & GAS CO.

3. ADDRESS OF OPERATOR  
41 WEST 2ND SO. SUITE 510, SLC, UT 8410

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: Sec. 21, T20S R21E  
AT TOP PROD. INTERVAL: 860' FNL 760' FEL  
AT TOTAL DEPTH:

5. LEASE  
U-39499

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

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Tumbleweed

9. WELL NO.  
21-1

10. FIELD OR WILDCAT NAME  
Cisco Dome

11. SEC., T., R., M.; OR BLK. AND SURVEY OR AREA  
Sec. 21, T20S R21E

12. COUNTY OR PARISH  
Grand

13. STATE  
Utah

14. API NO.  
43-019-30644

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5535 GR 5545 KB

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input 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) <u>Temporary Abandonment</u>			

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

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

Request permission to temporary abandon; we are planning plugging operations.

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

DATE: 6/4/82  
BY: [Signature]

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

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

SIGNED [Signature] TITLE PRODUCTION MANAGER DATE May 28 1982

(This space for Federal or State office use)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR \_\_\_\_\_

3. ADDRESS OF OPERATOR \_\_\_\_\_

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: \_\_\_\_\_  
AT TOP PROD. INTERVAL: \_\_\_\_\_  
AT TOTAL DEPTH: \_\_\_\_\_

5. LEASE  
U-39499

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

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Tumbleweed

9. WELL NO.  
21-1

10. FIELD OR WILDCAT NAME  
Cisco Dome

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 21  
T20S R21E

12. COUNTY OR PARISH  
Grand

13. STATE  
Utah

14. API NO.  
43-019-30644

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5535 GR 5545 KB

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input 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 checked="" type="checkbox"/>		<input type="checkbox"/>
(other)	_____		_____

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

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

Request permission to abandon. See attachment.

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

DATE: 8/16/82  
BY: [Signature]

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

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

SIGNED [Signature] TITLE Production Manager DATE 8/10/82  
Kerry M. Miller

(This space for Federal or State office use)

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

AMBRA OIL and GAS COMPANY

4) Plugging Proposal for Tumbleweed 21-1

Location: NE NE, Sec. 21, T20S, R21E, Grand County,  
Utah

Total Depth: 3406'

Pipe: 8 5/8" 24 lb at 160' cemented to surface;  
4 1/2", K-55, 10.5 lb set at 3391' with  
100 sx of 10-2 RFC; cement top at 2425';  
PBSD 3316'

Formation Tops: Dakota - 2815'  
Morrison - 2900'  
Salt Wash - 3199'

Perforations: 3298' - 3308', 10 holes

Proposed Plugs:

- 1) 3300' up to 3100' with 20 sx (covers perfs)
- 2) 2475' up to 2375' with 20 sx (covers cut-off)
- 3) 210' up to 110' with 20 sx (across surface)
- 4) Surface plug with 10 sx

Regulation Marker: Ambra Oil and Gas Company  
Tumbleweed 21-1  
NE NE, Sec. 21, T20S, R21E  
Grand County, Utah  
TD 3406'

RECOVERABLE:

2475' OF 4 1/2" CASING



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

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

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

April 22, 1983

Ambra Oil & Gas Company  
47 West 200 South, Suite # 510  
Salt Lake City, Utah 84101

Re: Well No. Tumbleweed # 21-1-80B  
Sec. 21, T. 20S, R. 21E.  
Grand County, Utah

Well No. TXO # 15-1-80A  
Sec. 15, T. 20S, R. 23E.  
Grand County, Utah

Well No. Federal # 23-2  
Sec. 23, T. 20S, R. 23E.  
Grand County, Utah

Well No. Ambra IF # 23-5  
Sec. 23, T. 20S, R. 23E.  
Grand County, Utah

Gentlemen:

The above referred to wells have been currently under a temporarily abandoned status for six months or longer. Would you be kind enough to inform this office of a change in status, or let us know if they are still temporarily abandoned, submitted on a Sundry Notice (Form OGC-1B, enclosed).

Thank you for your prompt attention to the above submittal.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Well Records Specialist

CF/cf  
Enclosures



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP DATE\*  
(Other instructive  
verse aide) re-

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-39499

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Tumbleweed

9. WELL NO.

Tumbleweed 21-1

10. FIELD AND POOL, OR WILDCAT

Cisco Dome

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

Sec. 21, T20S, R21E

12. COUNTY OR PARISH 18. STATE

Grand

Utah

1.

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

AMBRA OIL AND GAS COMPANY

NOV 06 1984

3. ADDRESS OF OPERATOR

47 West 200 South, Ste. 510, Salt Lake City, DIVISION OF OIL  
GAS & MINING

4. LOCATION OF WELL (Report location clearly and in accordance with any State or Federal law. See also space 17 below.)  
At surface

860' FNL 760' FEL, NE 1/4 NE 1/4

14. PERMIT NO.

43-019-30644

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

5535' GR

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETION

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(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.)\*

This well was plugged on November 2, 1984 in the following manner as per Bob Graff of the Bureau of Land Management:

- Plug #1: 2840'-2640' with 16 sacks
- Plug #2: Set 50 sacks in annulus between 8-5/8" surface casing and 4-1/2" casing.
- Plug #3: 50'-0' with 4 sacks inside 4-1/2" casing.

A P & A Marker will be set by November 9, 1984.

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

SIGNED

TITLE PRODUCTION MANAGER

DATE 11/5/84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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

\*See Instructions on Reverse Side

DATE: 11/8/84

BY: [Signature]