

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
 Snyder Oil Company

3. ADDRESS OF OPERATOR
 410 17th Atreet, Suite 1300 Denver, Co. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 1183' FNL 1450' FEL 9-7S-22E NWNE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 14.2 miles southwest of Jensen

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1183

16. NO. OF ACRES IN LEASE 456.95

17. NO. OF ACRES ASSIGNED TO THIS WELL 320

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

19. PROPOSED DEPTH 3385 Green River

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5093 ungraded ground

22. APPROX. DATE WORK WILL START*
 12-15-80

12. COUNTY OR PARISH Uintah 13. STATE Utah

5. LEASE DESIGNATION AND SERIAL NO.
 U-38412

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 West Walker Federal

9. WELL NO.
 1-9

10. FIELD AND POOL, OR WILDCAT
Horseshoe Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 9-7S-22E

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	200	Sufficient to reach surface
7 7/8	5 1/2	15.5	TD	Depends on productive zones

See attached:

- 1) Ten Point Drilling Program
- 2) Multipoint Surface Use and Operation Plan

**APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING**
 DATE: 11/21/80
 BY: B. Ferguson

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 John McCathran TITLE Agent DATE 11-11-80

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

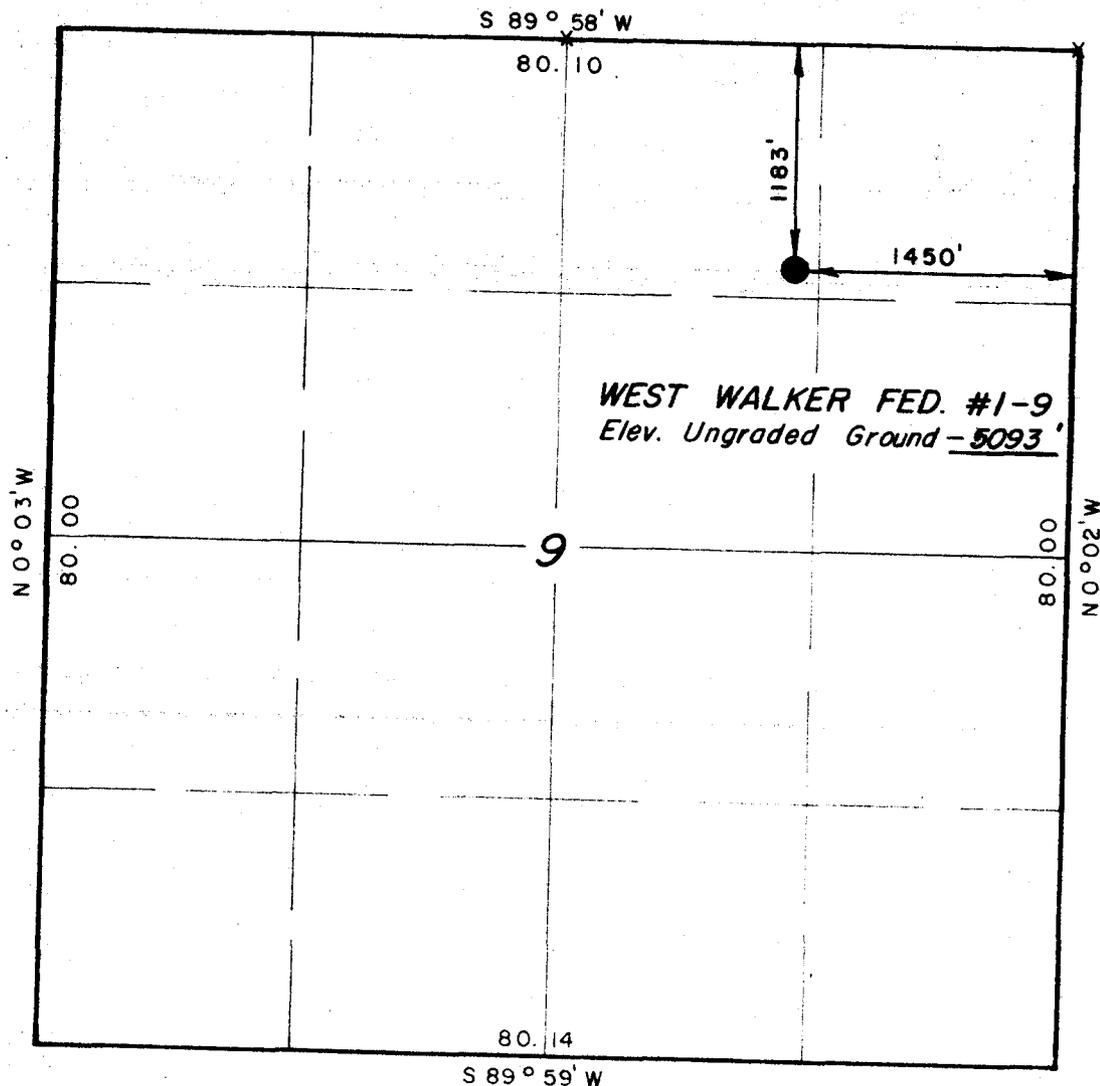
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

T 7 S, R 22 E, S.L.B. & M.

PROJECT
SNYDER OIL COMPANY

Well location, **WEST WALKER
 FED. #1-9**, located as shown
 in the **NW1/4 NE1/4** Section 9,
 T 7 S, R 22 E, S.L.B. & M. Uintah
 County, Utah.



WEST WALKER FED. #1-9
 Elev. Ungraded Ground - 5093'

CERTIFICATE

THIS SURVEY WAS MADE FROM THE NOTES OF THE SURVEY MADE BY ME IN 1978. MY WORK IS ON AND THAT THE SAME IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert J. ...

REGISTERED LAND SURVEYOR
 REGISTRATION NO 2454
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
 P O BOX Q - 110 EAST - FIRST SOUTH
 VERNAL, UTAH - 84078

X = Section Corners Located

SCALE	1" = 1000'	DATE	8/1/80
PARTY	DA MH DK AC	REFERENCES	GLO Plat
WEATHER	Fair / Hot	FILE	SNYDER OIL CO.

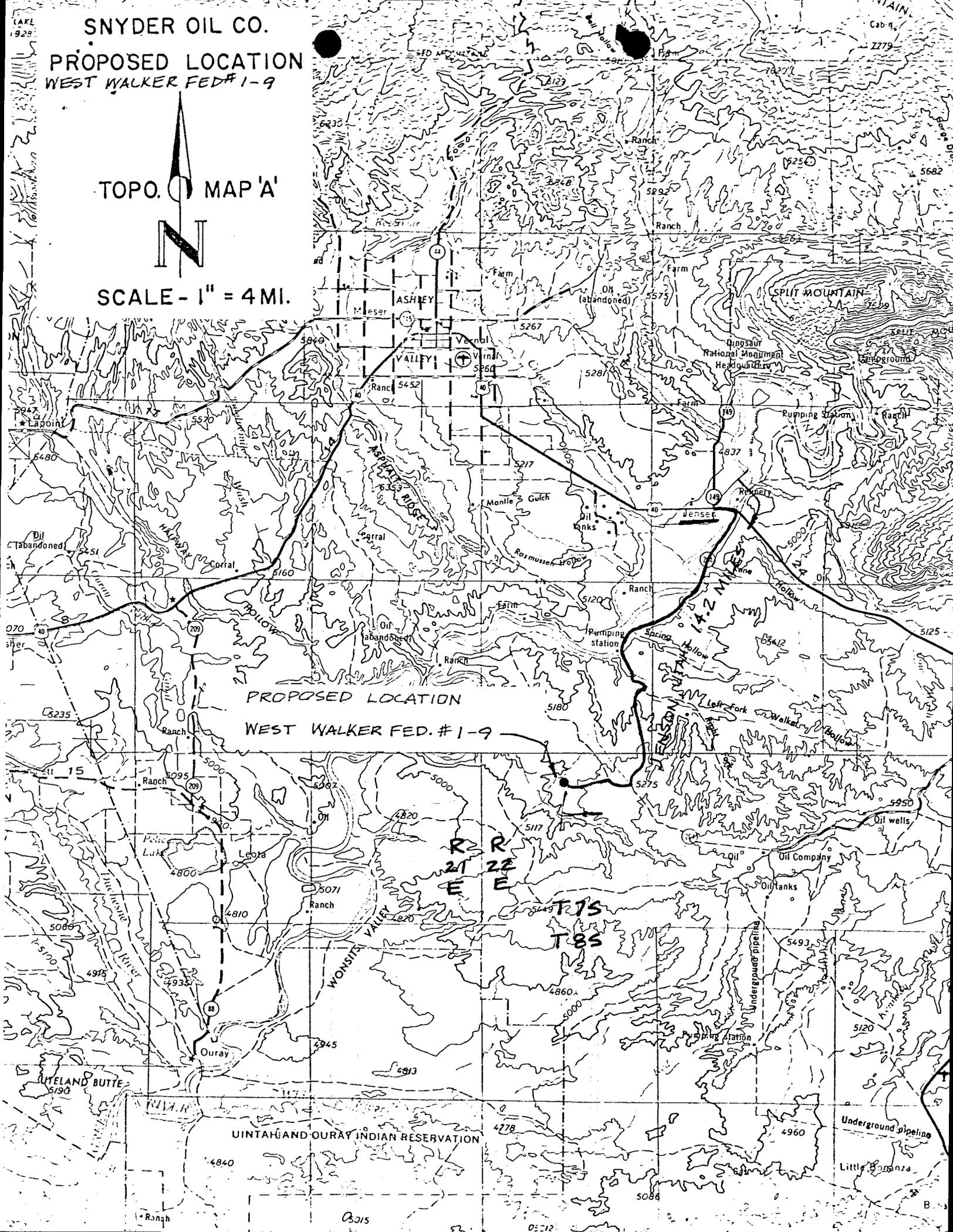
SNYDER OIL CO.

PROPOSED LOCATION WEST WALKER FED # 1-9

TOPO. MAP 'A'



SCALE - 1" = 4 MI.



PROPOSED LOCATION
WEST WALKER FED. # 1-9

RR
TJS
TBS

UINTAH AND OURAY INDIAN RESERVATION

Underground pipeline

Little Bonanza

Rotating Head No

Kill Line Size 2" x 3000 PSI Valves 2" x 3000 PSI Check 2" x 3000 PSI

MANIFOLD

Size 2" Valves 2" Pressure 3000 PSI

Positive Choke yes Adjustable Choke yes

Hydraulic Choke no

Power Operated Valve no

See Exhibit I attached for additional detail BOP Equipment will be installed prior
to drilling below 8 5/8" casing, BOP's and casing will be tested to 1000 PSI using rig
pump.

6) DRILLING FLUIDS

<u>Interval</u>	<u>Type Fluid</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Remarks</u>
0-200'	Gel-Lime	9.0	35-40	N/C	
200-TD	Low solids Non dispersed	8.6 - 9.0	27-29	12-15	

Possible Sub Normal Pressured Zones Green River

Possible Abnormal Pressured Zones None

7) AUXILIARY EQUIPMENT

Upper Kelly Cock yes

Lower Kelly Cock no

Floor Valve DP yes

Floor Valve DC yes

Float in DC per contractor specifications

Inside BOP (Dart Valve) no

ADDITIONAL DETECTION EQUIPMENT & SERVICE

Mud Logging Unit gas detector
Pit Volume Totalizer no
Flow Line Sensor no
Flow Line Temperature no
Sour Gas Detector no
Pump Stroke Counter no
Degasser no
Mud Gas Separator no
Drilling Data Unit no
Other none

8) EVALUATION

A) Testing

All significant hydrocarbon shows will be drill stem tested. There will probably be 2 DST's

B) Logging

<u>Depth</u>	<u>Electric Wireline Logs</u>	<u>Interval</u>
Total Depth	DIL/GR, FDC/CNL	200'-TD

C) Coring

<u>Formation</u>	<u>Type Core</u>	<u>Analysis</u>
none		

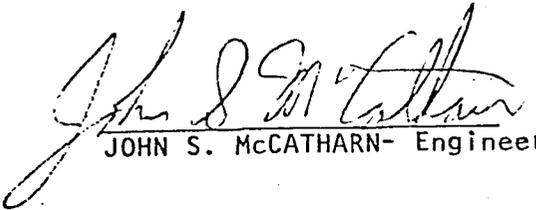
Snyder Oil Co.
Fed 1-9

9) DRILLING HAZARDS

None expected

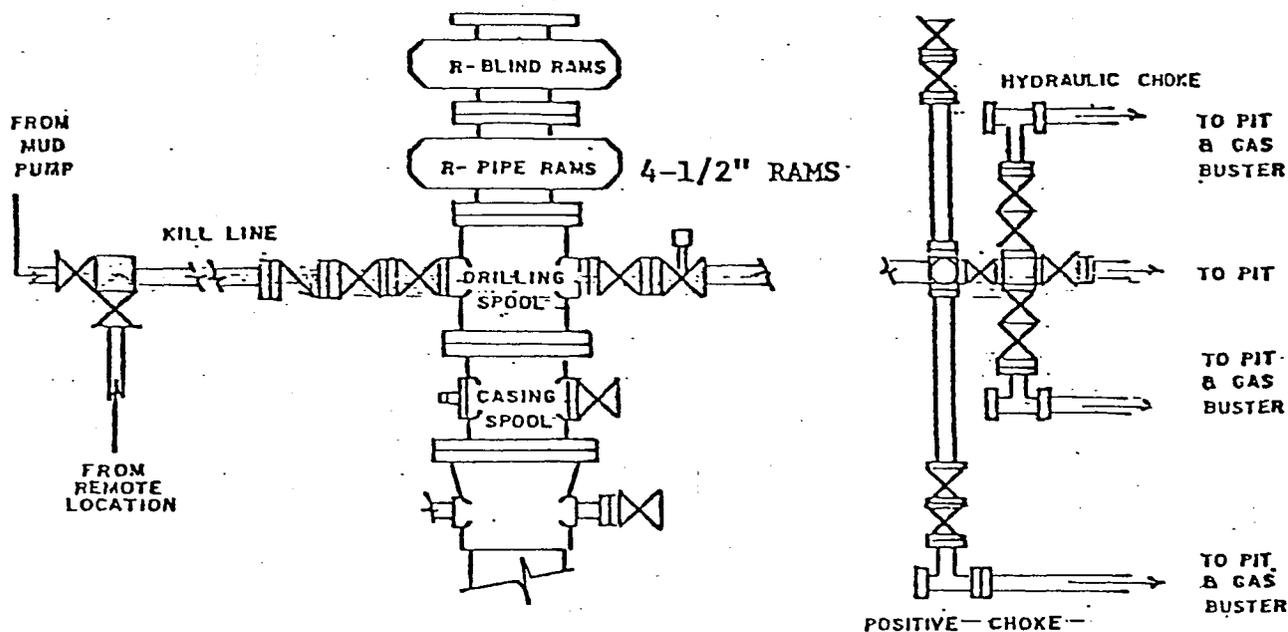
10) STARTING DATE 12-15-80 DURATION 10 DAYS

DRILLING PROGRAM PREPARED BY ENERGY DRILLING SPECIALISTS, INC.


JOHN S. McCATHARN- Engineer

(EXHIBIT 1) 3000 psi

psi Working Pressure BOP's



Note: Pipe rams to be operated daily, Blind rams to be operated each trip.

Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventer
 - b) lower kelly cock
 - c) upper kelly cock
 - d) stand pipe valve
 - e) lines to mud pump
 - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

1) EXISTING ROADS

See attached topographic maps A & B. Directions are go east from Vernal on Highway 40. Turn south on highway 264 and travel 14.2 miles into the location. The roads required for access during the drilling completion and production phases of this well will be maintained and improved at the standards required by the BLM or other controlling agencies.

2) PLANNED ACCESS ROADS

No new road will beed to be constructed in order to gain access to the location.

Onsite inspection field comments:

3) LOCATION OF EXISTING WELLS

Within a one mile radius the following wells are identified by category and listed below.

- 1) Water wells - none
- 2) Abandoned wells - 42-9 Government
NWSENE 9-7S-22E
#1 Bend Unit
NE 8-7S-22E
- 3) Temporarily abandoned wells - none
- 4) Disposal wells - none
- 5) Drilling wells - none
- 6) Producing wells - #1 Federal Miller
NWSW 4-7S-22E
- 7) Shutin wells - one
- 8) Injection wells - none
- 9) Monitoring or observation wells - none

4)

LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES AND PRODUCTION
GATHERING AND SERVICE LINES

At the present time there are no Snyder Oil Company batteries, production facilities, oil gathering lines, gas gathering lines, injection or disposal lines within a two mile radius.

In the event that production of this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with the native materials and if these materials are not available, then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

The rehabilitation of the disturbed area that is not required for the production of this well, will meet the requirements of Items #7 and #10 and these requirements and standards will be adhered to.

If production facilities are necessary, these facilities will be constructed as shown in Figure 1.

Onsite inspection field comments

5) LOCATION AND TYPE OF WATER SUPPLY

Water will be hauled from the Green River. The distance of this haul will be 7½ miles.

The existing roads and proposed roads previously noted will be all that are needed. No water well will be drilled for this operation.

Onsite inspection field comments:

6)

SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required the appropriate actions will be taken to acquire them from private sources.

7)

METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet. A reserve and burn pit will be constructed.

The reserve pit will be approximately 8' deep and at least one half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals. A test tank will be used to contain produced fluids.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, domestic animals.

On the onset of drilling, this reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

Trash will be placed in a completely enclosed container and hauled off the location.

All flammable materials will be burned and then buried upon completion of this well.

A portable chemical toilet will be supplied for human waste.

8) ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and noneforeseen in the near future.

9) WELL SITE LAYOUT

See attached Location Layout Sheet. The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area. Then the pits will be lined with a gel and any other type material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10) PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

As mentioned in Item #7, the reserve pit will be completely fenced and wired and overhead wire and flagging installed, if there is oil in the pits, and then allowed to completely dry before covering.

Restoration activities shall begin as soon as possible after the reserve pit has dried up, and will be completed without undue delay.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11) OTHER INFORMATION

The drillsite is located in an area of moderate slope (see cross section). The Surface is the Uinta formation, light brown sandy clay with sparse sagebrush cover. There are no trees on the proposed location.

General use of the surface is grazing. The new road and location are federally owned.

An archeological report will be filed on this prospect under separate cover.

The closest water is located in the Green River.

Onsite inspection field comments:

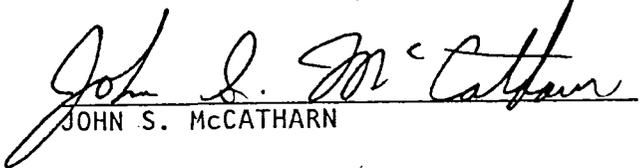
12) LESSEE'S OR OPERATOR'S REPRESENTATIVE

Paul Gayer
Snyder Oil Company
410 17th Street Suite 1300
Denver, Co. 80202

Telephone - 303-573-6521

13) CERTIFICATION

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


JOHN S. McCATHARN

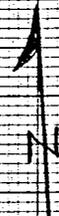
I hereby certify that John S. McCatharn as my agent, has prepared the drilling program, Application for Permit to Drill and supplemental information contained herein. I have reviewed this application and hereby acknowledge that the plans, terms and conditions outlined herein will be performed by Snyder Oil Company.


PAUL GAYER

FIGURE 1

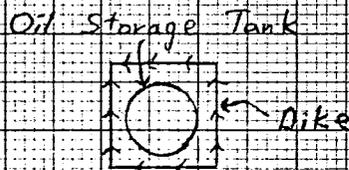
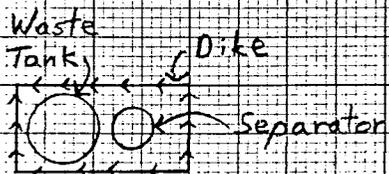
FUTURE PRODUCTION FACILITY LAYOUT

Snyder Oil Company
West Walker Federal #1-9
NE NE Section 9 T7S R22E
Uintah County, Utah



RESERVE PIT

WELL



Separator and Tanks are
to be located in areas of cut.

Scale 1"=50'

46 1470

10 X 10 TO 1/16 INCH • 7 1/2 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

K&E

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

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Snyder Oil Company
Project Type Gas Well Drilling
Project Location 1183' FNL 1450' FEL Section 9, T. 7S, R. 22E
Well No. 1-9 West Walker Lease No. U-38412
Date Project Submitted November 12, 1980

FIELD INSPECTION Date November 18, 1980

Field Inspection Participants
Greg Darlington - USGS, Vernal
Ron Rogers - BLM, Vernal
Larry England - BLM, Vernal
John McCatharn - Snyder Oil Company
Leonard Heeney - Ross Construction
Ned Cook - Ross Construction

Related Environmental Documents: Unit Resource Analysis, Bonanza Planning
Unit, BLM, Vernal

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.

November 26, 1980
Date Prepared Gregory Darlington
Environmental Scientist

I concur 12/4/80
Date E. W. [Signature]
District Supervisor

PROPOSED ACTION: (Lease No. U-38412)

Snyder Oil Company proposes to drill the West Walker Federal 1-9 Well, a 3385 foot oil and gas test of the Uintah and Green River formations. The location is on an existing road which will need only minimal upgrading. A pad 165 feet by 300 feet and a reserve pit about 100 feet by 150 feet are requested for the location. This involves about 1.5 acres.

RECOMMENDED APPROVAL CONDITIONS:

Drilling should be allowed provided the operator agrees to accept the following measures and incorporate them into the operating plans for this location:

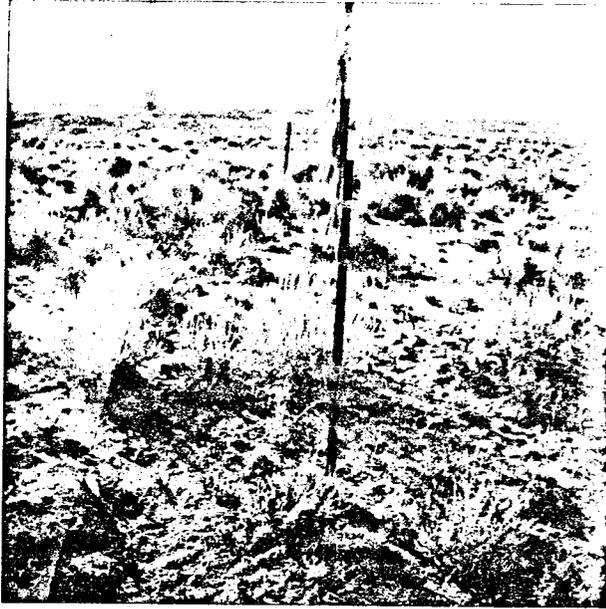
1. Lease Stipulations.
2. BLM Stipulations.
3. Adequate logging of other potentially valuable minerals such as oil shale is furnished as requested by the Mineral Evaluation Report.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety						1, 2, 6	1, 2, 6	11-18-80	
2. Unique charac- teristics						1, 2, 6	1, 2, 6	11-18-80	
3. Environmentally controversial							1, 2, 6	11-18-80	
4. Uncertain and unknown risks							1, 2, 6	11-18-80	
5. Establishes precedents							1, 2, 6	11-18-80	
6. Cumulatively significant							1, 2, 6	11-18-80	
7. National Register historic places							1, 6	11-18-80	
8. Endangered/ threatened species							1, 6	11-18-80	
9. Violate Federal, State, local, tribal law							1, 2, 6	11-18-80	

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *USGS conditions of Approval.*



South View Snyder 1-9

11-18



West View Snyder 1-9

11-18

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

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

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-38412

OPERATOR: Snyder Oil

WELL NO. 1-9

LOCATION: SE 1/4 NW 1/4 NE 1/4 sec. 9, T. 7S., R. 22E., SLM

Uintah County, Utah

1. Stratigraphy:

Uintah	surface
Green River	3337'
<u>TD</u>	<u>3385'</u>

2. Fresh Water:

Possible throughout the Uintah

3. Leasable Minerals:

None expected

4. Additional Logs Needed: Adequate

5. Potential Geologic Hazards: None expected

6. References and Remarks:

Signature: Gregory W Wood

Date: 11 - 28 - 80

Snyder Oil
9-75-225

Date 12/3/80

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-38412 Well No. 1-9

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.

3. 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*

SNYDER OIL CO.

PROPOSED LOCATION
WEST WALKER FED.#1-9

TOPO. MAP 'B'



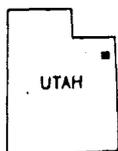
SCALE - 1" = 2000'

ROAD CLASSIFICATION

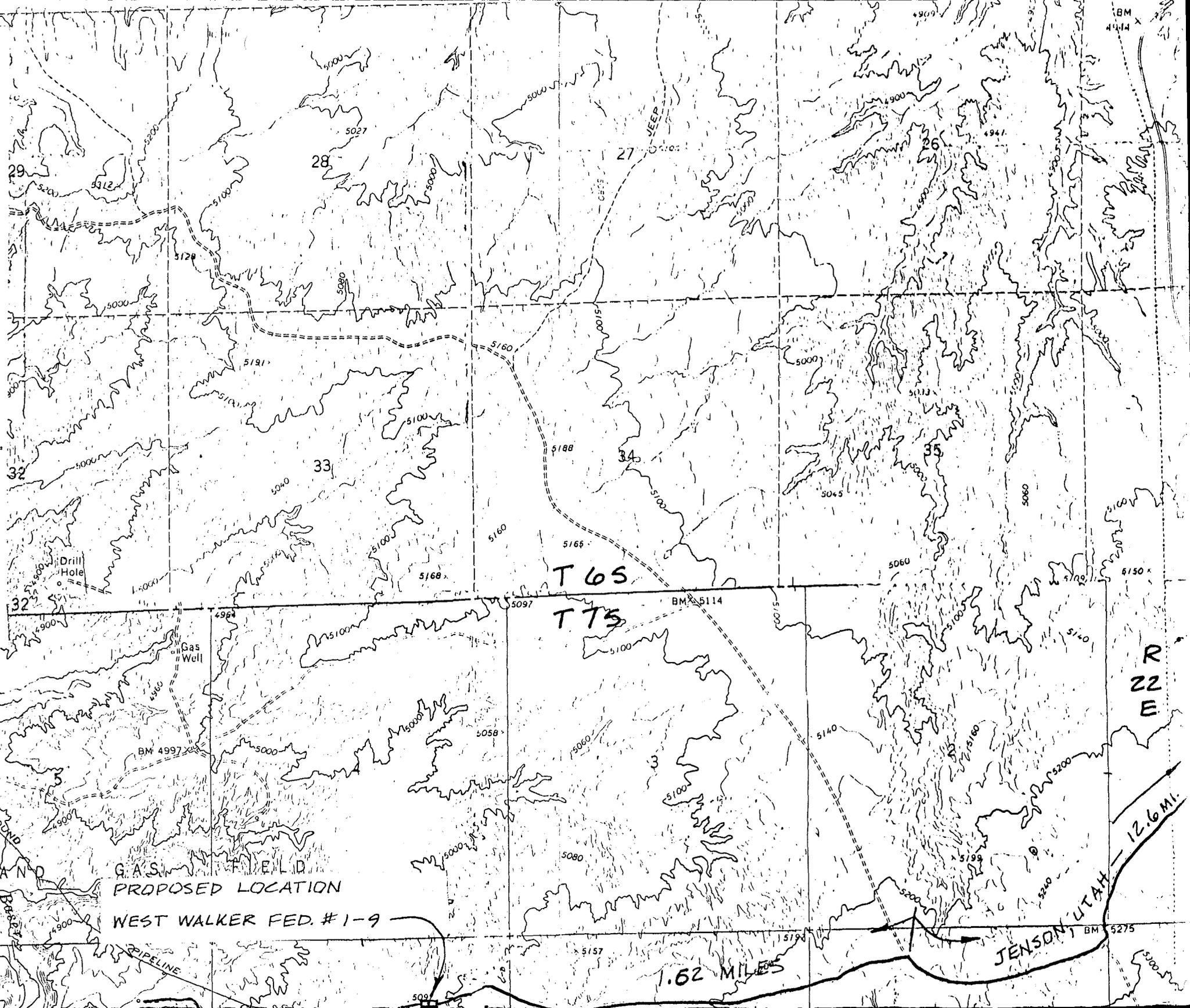
Medium-duty Light-duty

Unimproved dirt

State Route



QUADRANGLE LOCATION



R
22
E

R
22
E

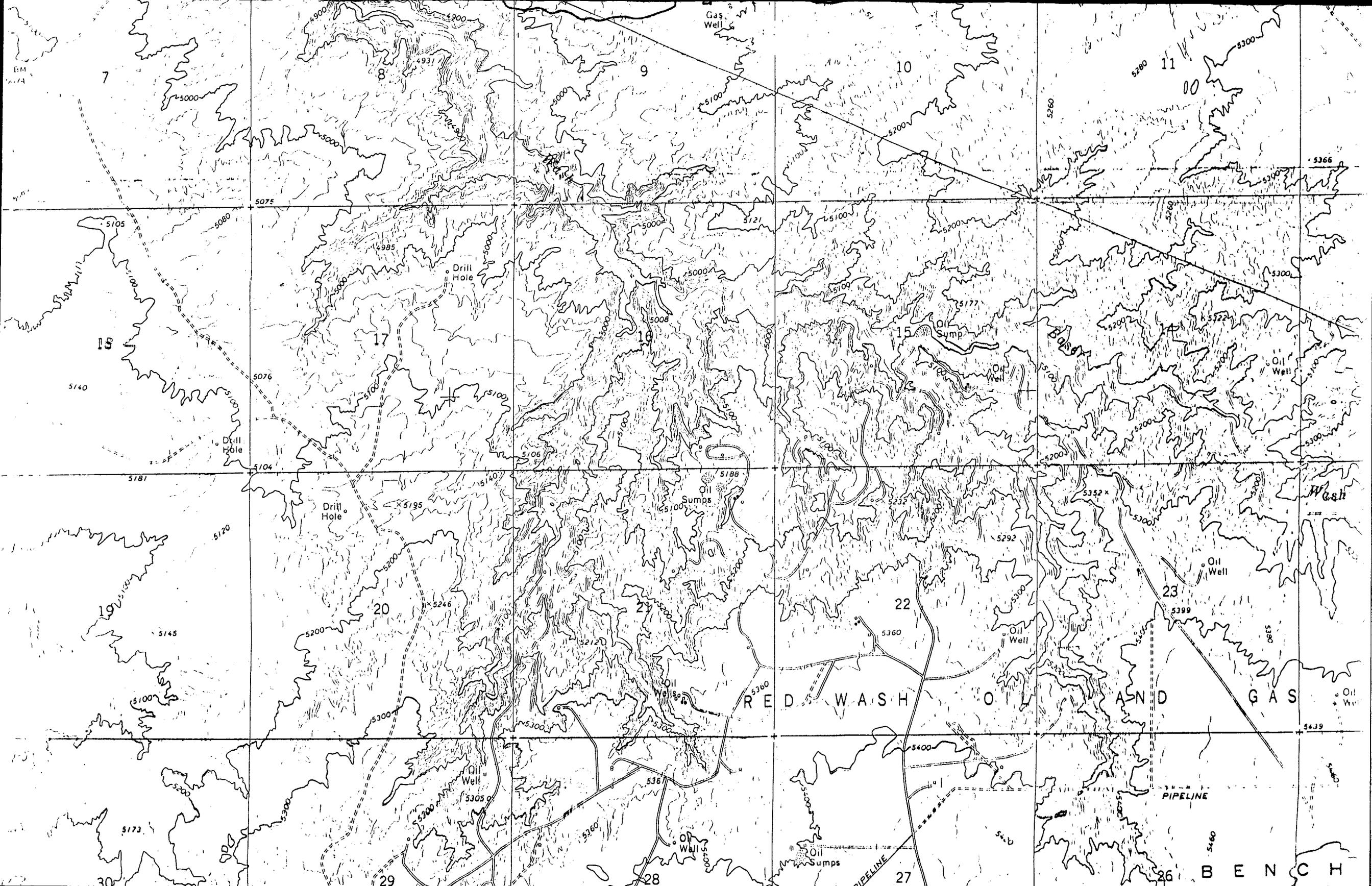
ESHOE BEND OIL

GAS FIELD
PROPOSED LOCATION

WEST WALKER FED.#1-9

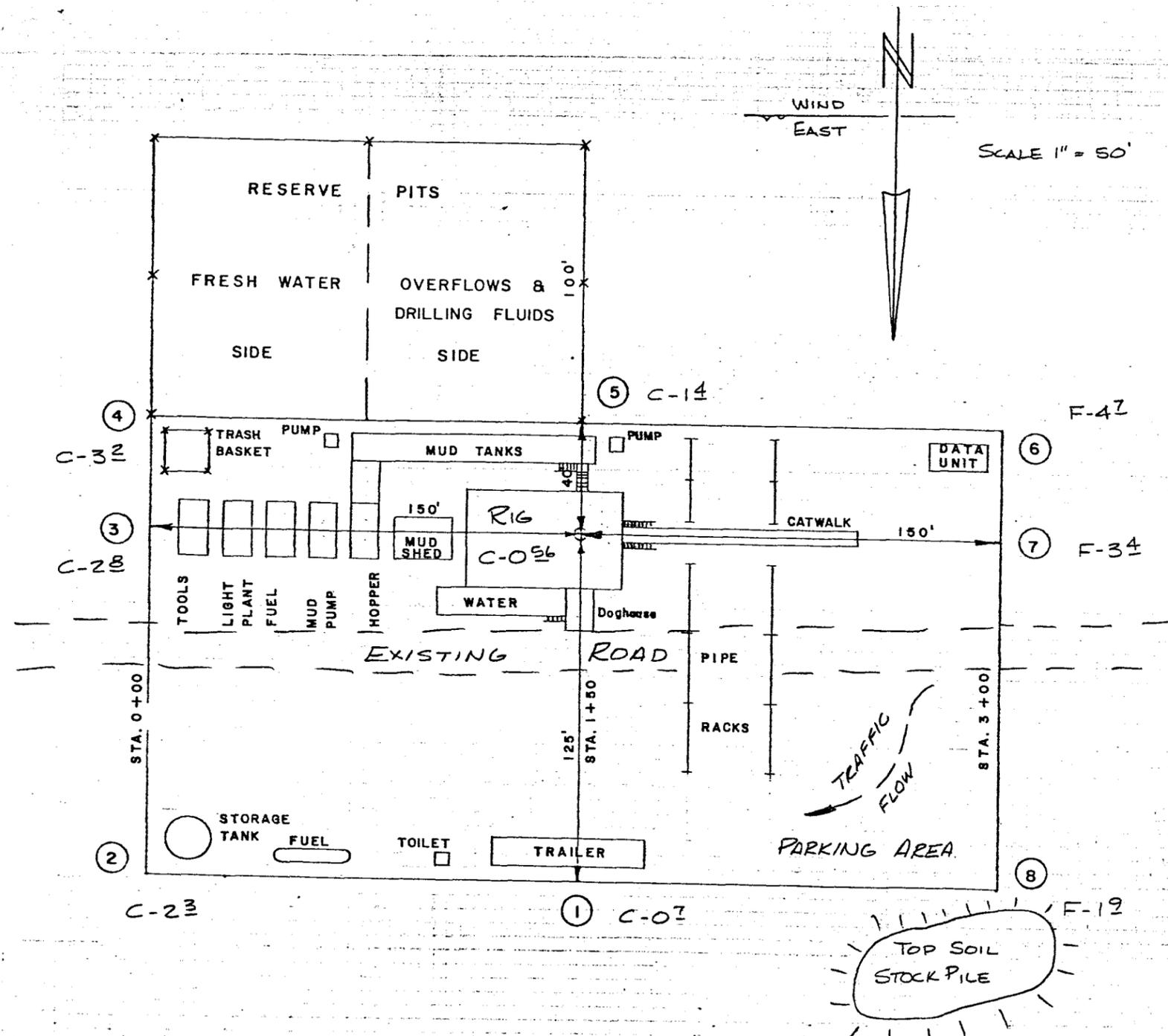
1.62 MILES

JENSON UTAH 12.6 MI.

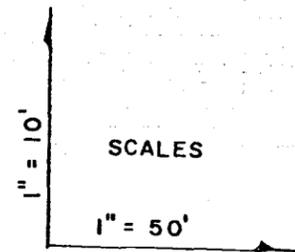
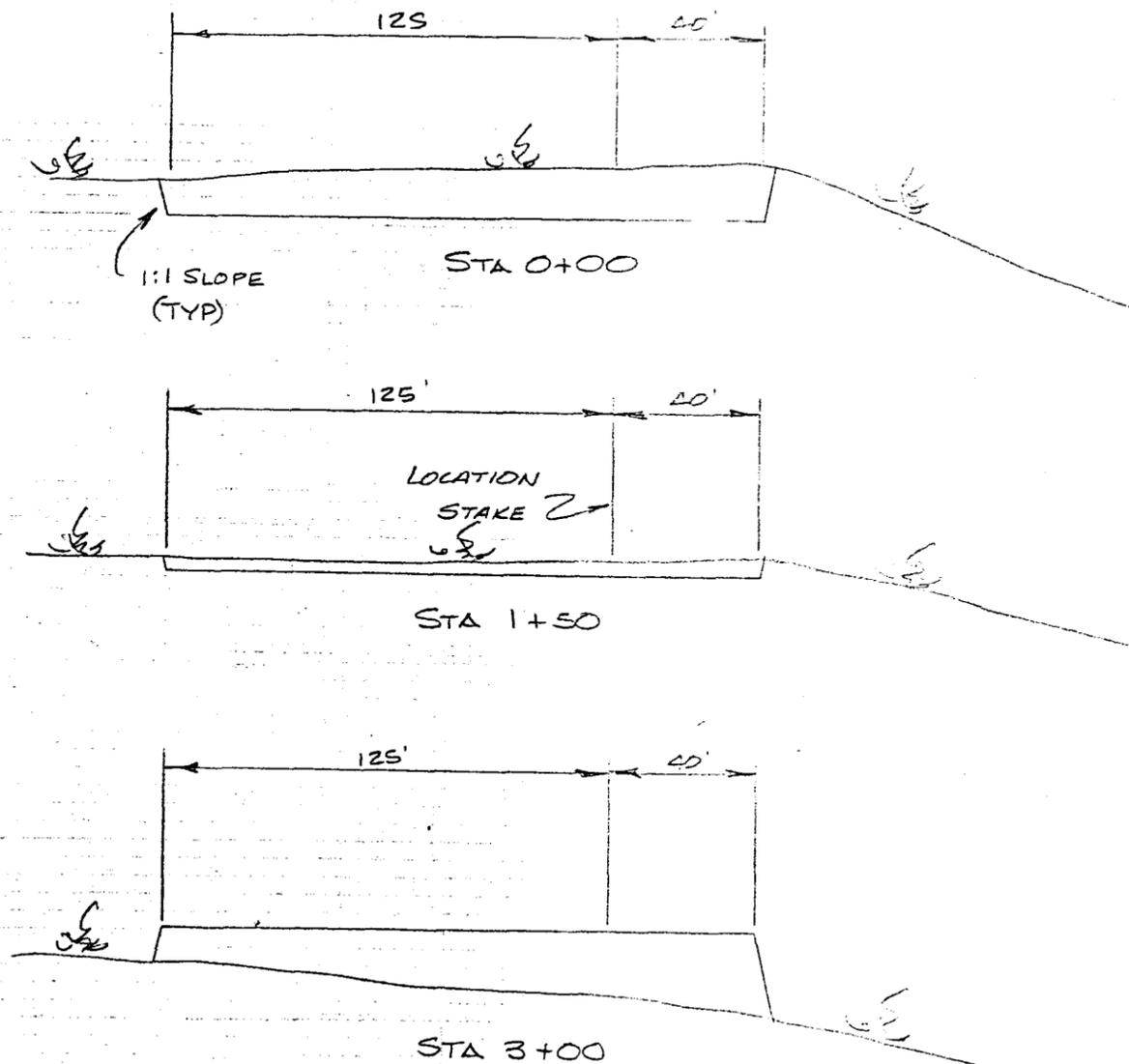


SNYDER OIL COMPANY

WEST WALKER FED #1-9



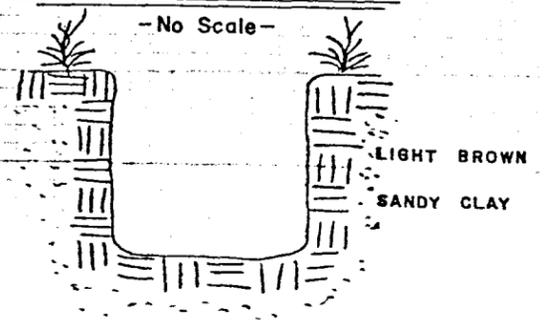
C
R
O
S
S
S
E
C
T
I
O
N
S



APPROXIMATE YARDAGES

Cubic Yards of Cut - 1901
Cubic Yards of Fill - 407

SOILS LITHOLOGY



** FILE NOTATIONS **

R

DATE: Nov. 21, 1980

OPERATOR: Snyder Oil Company

WELL NO: West Walker Federal 1-9

Location: Sec. 9 T. 75 R. 22E County: Uintah

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-047-30813

CHECKED BY:

Petroleum Engineer: _____

Director: OK as per order issued in Cause 145-2

Administrative Aide: Wildcat Spring

APPROVAL LETTER:

Bond Required: Survey Plat Required:

Order No. 145-2 Oct 23, 1980 O.K. Rule C-3

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

(13)

Lease Designation Fed.

Plotted on Map

Approval Letter Written

Hot Line

P.I.



United States Department of the Interior

IN REPLY REFER TO

T & R
U-802

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

November 24, 1980

*[Received November 24
late afternoon]*

Ed Guynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

RE: Snyder Oil Company
Federal 1-9, U-38412,
Sec. 9, T7S, R22E;
Federal 1-31, U-38411,
Sec. 31, T6S, R22E;
Federal 1-33, U-44210,
Sec. 33, T6S, R22E;
Uintah County, Utah

Dear Mr. Guynn:

A joint field examination was made on November 18, 1980 of the above referenced well site locations, and proposed access roads. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas and construction of pipeline routes shall be in accordance with surface use standards as set forth in the brochure, "Surface Operation Standards for Oil and Gas Exploration and Development".
2. Traveling off access road rights-of-way will not be allowed. The maximum width of access roads (both existing and planned) will be 30 feet total disturbed area, except where backslope and fills required additional area. Turn-outs will not be required. Roads are to be crowned and bar ditched where needed.
3. Topsoil will be stockpiled as addressed in the applicant's 13 Point Plans, with the following exceptions. The BLM recommends that the top 4-6 inches of topsoil materials be stockpiled at well sites 1-31 and 1-33. At well # 1-31, the topsoil should be stockpiled on the west side of the drill pad. Well # 1-9 should have the first 12 inches of topsoil stockpiled.

Continued . . .



4. The BLM must be contacted at least 24 hours prior to any construction activities.
5. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and restoration requirements.
6. In the event that oil storage tanks are used, earth dikes will be built around the tanks in order to contain accidental spills. The height of the dikes will be sufficient to contain the entire contents of the tanks.
7. A wire mesh or web type fence will be used around the reserve pits. At least two strands of barbed wire will top this fence.
8. Well # 1-9 will have its reserve pit moved 20 feet due west. The southeast corner of the reserve pit will be rounded off 30 feet from the corner.
9. The reserve pit at well # 1-31 will have 30 feet taken from its southeast and northeast sides. It may be elongated in the southwest direction as much as needed.
10. Well # 1-33 will have 30 feet removed from the south side of the reserve pit. 50 feet of additional length may be added to the west side of the pit. 10 feet will be cut off the west side of the pad.
11. Well # 1-31 will have the topsoil stockpiled at the southwest side of the pad.
12. Production facilities will be painted with a color which blends in with the natural background. Various earth tones can accomplish this.

An archaeological study has been conducted by A.E.R.C. No cultural resources were located at any of the proposed sites.

The proposed activities do not jeopardize listed, threatened, or endangered flora, fauna, or their habitats.

The BLM representative will be Ron Rogers, 789-1372.

Sincerely,

Ronald W. Rogers
for

Dean L. Evans
Area Manager
Bookcliffs Resource Area

cc: USGS, Vernal

December 1, 1980

Snyder Oil Company
410 17th St., Suite 1300
Denver, Colo. 80202

RE: Well No. West Walker Federal #1-33, Sec. 33, T. 6S, R. 22E, Uintah County, Utah
RE: Well No. Horseshoe Bend Federal #1-26, Sec. 26, T. 6S, R. 21E, Uintah County, Utah
RE: Well No. West Walker Federal #1-9, Sec. 9, T. 7S, R. 22E, Uintah 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. 145-2 dated October 23, 1980.

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 contractors and rig numbers be identified.

The API numbers assigned to these wells are: #1-33 (43-047-30815); #1-26 (43-047-30814); #1-9 (43-047-30813).

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Original Signed By M. T. Minder

MICHAEL T. MINDER
PETROLEUM ENGINEER

Snyder Oil Co.

NOTICE OF SPUD

Caller: Ed Feely

Phone: _____

Well Number: West Walker Foot 19

Location: NWNE 9-7S-22E

County: Muntah State: Utah

Lease Number: U-38412

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 2-3-81 12:00 P.M.

Dry Hole Spudder/Rotary: Rathole

Details of Spud (Hole, Casing, Cement, etc.) 12 1/4" hole to set pipe to 200'

Rotary Rig Name & Number: All Western Rig #1

Approximate Date Rotary Moves In: _____

FOLLOW WITH SUNDRY NOTICE

Call Received By: K.R.

Date: 2-2-81

RECEIVED
FEB 3 1981

DIVISION OF
OIL, GAS & MINING

NOTICE OF SPUD

f

Caller: Ed Feely Snyder Oil Co.

Phone: # 789-6161

Well Number: West Walker, Fed 1-9

Location: NW 1/4 N 41/4 Sec. 9, T. 75, R. 22E

County: Uintal State: UT

Lease Number: U-38412

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 2-14-81 8:00 PM

Dry Hole Spudded Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) 200' 8 5/8"

ret surf

Rotary Rig Name & Number: Colorado Well Soc. #75

Approximate Date Rotary Moves In: 2-13-81

FOLLOW WITH SUNDRY NOTICE

Call Received By: Candy

Date: 2-12-81 10:30 AM

M... ..

RECEIVED
DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

West Walker Federal

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

None

8. FARM OR LEASE NAME

9. WELL NO.

West Walker
Fed 1-9

10. FIELD AND POOL, OR WILDCAT

Shoshone Bend

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

Sec. 9-T7S-R22E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
Snyder Oil Company

3. ADDRESS OF OPERATOR
SOCO Plaza-7th Floor, 1800 Glenarm Place, Denver, CO 80202

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

1183' FNL and 1450' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

43-047-30813 | 12/18/80

15. DATE SPUDDED 2-16-81 16. DATE T.D. REACHED 2-21-81 17. DATE COMPL. (Ready to prod.) Plugged 2-26-81 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 3425 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* None 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED No

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	24	202'	12 1/4"	153 sx Class G	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					None		

31. PERFORATION RECORDED (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None		None	

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
None							
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	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

SIGNED John S. McAtharn TITLE Agent DATE March 27, 1981

*(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.)

37. SUMMARY OF POROUS ZONES, HIGHLY 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Uinta "E"	3288	3324	DST#1 IF 15', ISI 60', FF 60', FSI 180' Recovered 2250' gas & slightly mud-cut water. IH 1520 psi, IF 413 to 612 psi, ISI 1401 psi, FF 595 to 1066 psi, FSI 1390 psi, FH 1458
			DST #2 - misrun
			No cores.

38.

GEOLOGIC MARKERS

NAME	TOP	
	NEAR. DEPTH	TRUE VERT. DEPTH
Uinta	surface	-
Uinta "B"	2774'	2348'
Green River	3338	1784
TD	3425	1697

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number West Walker Federal #1-9
 Operator Snyder Oil Company Address 5000 Plaza-7th Floor
1800 Glenarm Place Denver, CO 80202
 Contractor CRC Colorado Well Service Address Box 1006, Rangely, CO 81648
 Location NE ¼ NE ¼ Sec. 9 T: 7S R: 22E County Uintah

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	235'	245'	Upper Uintah	
	283'	296'		
2.	700'	705'	Not Tested	fresh-zones picked from logs
3.	3050'	3100'	Uinta B 837' head (DST data)	salty - 3100 ppm chlorides
4.	3280'	3425'	Uinta E 2250' head (DST data)	salty - 7800 ppm chlorides
5.				

(Continue of reverse side if necessary)

Formation Tops

Uinta - surface, Green River - 3337'

Remarks

RECEIVED

MAR 27 1981

DIVISION OF
OIL, GAS & MINING

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

Chlorides run and shown above.

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 dry hole

2. NAME OF OPERATOR
Snyder Oil Company

3. ADDRESS OF OPERATOR
Denver, CO
SOCO Plaza-7th Floor, 1800 Glenarm Pl., 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1183' FNL and 1450' FEL
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 checked="" type="checkbox"/>
(other) <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.)*

The well was abandoned as per verbal order as follows:

3300' - 3100' 70 sx Idaho Type II cement plug set
264' - 164' 35 sx Idaho Type II cement plug set
Surface 10 sx Idaho Type II cement plug set at surface

The surface casing (8 5/8" set at 202' w/153' sx Class G) was cut off and a dry hole marker installed. The well's TD was 3425'.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED John S. McCatharn TITLE Agent DATE 3-30-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE
West Walker Federal

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
None

8. FARM OR LEASE NAME

9. WELL NO.
1-9

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 9 - T7S-R22E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5093 Ground

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



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

CHARLES R. HENDERSON
Chairman

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

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

October 13, 1981

Snyder Oil Company
410 17th Street
Suite 1300
Denver, CO 80202

Re: See Attached Sheet

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated 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.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

TERRI REID
CLERK TYPIST

Enclosure

Well No. Horseshoe Bend Federal 1-35
Sec. 35, T. 6S, R. 21E
Uintah County, Utah
(April 1981 thru September 1981)

Well No. Baser Draw Federal #1-31
Sec. 31, T. 6S, R. 22E
Uintah County, Utah
(March 1981 thru September 1981)

Well No. West Walker Federal 1-33
Sec. 33, T. 6S, R. 22E
Uintah County, Utah
(March 1981 thru September 1981)

Well No. Horseshoe Bend State 1-2
Sec. 2, T. 7S, R. 21E
Uintah County, Utah
(April 1981 thru September 1981)

Well No. West Walker Federal 1-9
Sec. 9, T. 7S, R. 22E
Uintah County, Utah
(March 1981 thru September 1981)

Well No. Glen Bench Unit # 1-10
Sec. 10, T. 8S, R. 22E
Uintah County, Utah
(February 1981 thru September 1981)



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

February 5, 1982

Snyder Oil Company
410 17th Street
Suite 1300
Denver, Colorado 80202

Re: See attached
(SECOND NOTICE)

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated 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

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Clerk Typist

Well No. Horseshoe Bend Federal 1-35
Sec. 35, T. 6S, R. 21E
Uintah County, Utah
(October 1981- December 1981)

Well No. Baser Draw Federal 1-31
Sec. 31, T. 6S, R. 22E
Uintah County, Utah
(October 1981- December 1981)

Well No. West Walker Federal 1-33
Sec. 33, T. 6S, R. 22E
Uintah County, Utah
(October 1981- December 1981)

Well No. Horseshoe Bend State 1-2
Sec. 2, T. 7S, R. 21E
Uintah County, Utah
(October 1981- December 1981)

Well No. West Walker Federal 1-9
Sec. 9, T. 7S, R. 22E
Uintah County, Utah
(October 1981- December 1981)

Well No. Glen Bench Unit 1-10
Sec. 10, T. 8S, R. 22E
Uintah County, Utah
(October 1981- December 1981)

SECOND NOTICE ON ALL ABOVE WELLS.