

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
DRILL DEEPEN PLUG BACK

2. TYPE OF WELL
OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

3. NAME OF OPERATOR
Snyder Oil Company

4. ADDRESS OF OPERATOR
305-620-8400
SOCO Plaza, 1800 Glenarm Place, 7th Floor, Denver, CO 80202

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
701.74' FNL, 1820' FWL (NENW) 13-35S-25E
At proposed prod. zone
SAME

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
19 miles SE of Monticello

7. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
702'

8. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
N/A

9. ELEVATIONS (Show whether DF, RT, GR, etc.)
6688.9 GR

5. LEASE DESIGNATION AND SERIAL NO.
U-20335

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

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Coal Bed Canyon

9. WELL NO.
1-13

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 13, T35S., R. 25E.

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

15. NO. OF ACRES IN LEASE
2339.7

16. PROPOSED DEPTH
5900

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. ROTARY OR CABLE TOOLS
Rotary

19. APPROX. DATE WORK WILL START*
On Permit Approval

20. APPROX. DATE WORK WILL START*
On Permit Approval

21. APPROX. DATE WORK WILL START*
On Permit Approval

22. APPROX. DATE WORK WILL START*
On Permit Approval

23. APPROX. DATE WORK WILL START*
On Permit Approval

24. APPROX. DATE WORK WILL START*
On Permit Approval

25. APPROX. DATE WORK WILL START*
On Permit Approval

26. APPROX. DATE WORK WILL START*
On Permit Approval

27. APPROX. DATE WORK WILL START*
On Permit Approval

28. APPROX. DATE WORK WILL START*
On Permit Approval

29. APPROX. DATE WORK WILL START*
On Permit Approval

30. APPROX. DATE WORK WILL START*
On Permit Approval

31. APPROX. DATE WORK WILL START*
On Permit Approval

32. APPROX. DATE WORK WILL START*
On Permit Approval

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29. APPROX. DATE WORK WILL START*
On Permit Approval

30. APPROX. DATE WORK WILL START*
On Permit Approval

31. APPROX. DATE WORK WILL START*
On Permit Approval

32. APPROX. DATE WORK WILL START*
On Permit Approval

(All New)

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48# H-40	200'	300 sx. <i>circulate</i>
12 1/4"	9 5/8"	36# K-55	3000' 2/00'	300 sx. <i>circulate cement to surface</i>
8 3/4"	5 1/2"	15.5 & 14.# K-55	Total Depth	350 sx.

Ten Point Resource Protection Plan Attached

APPROVED BY THE STATE
COMMISSIONER OF
OIL, GAS, AND MINING
DATE: _____
BY: _____

RECEIVED

JUL 13 1981

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

"APPROVAL TO FLARE GRANTED WHILE DRILLING AND TESTING."

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: *Paul T. Hayes* TITLE: Division Engineering Manager DATE: June 24, 1981
Paul *Gayek*
(This space for Federal or State office use)

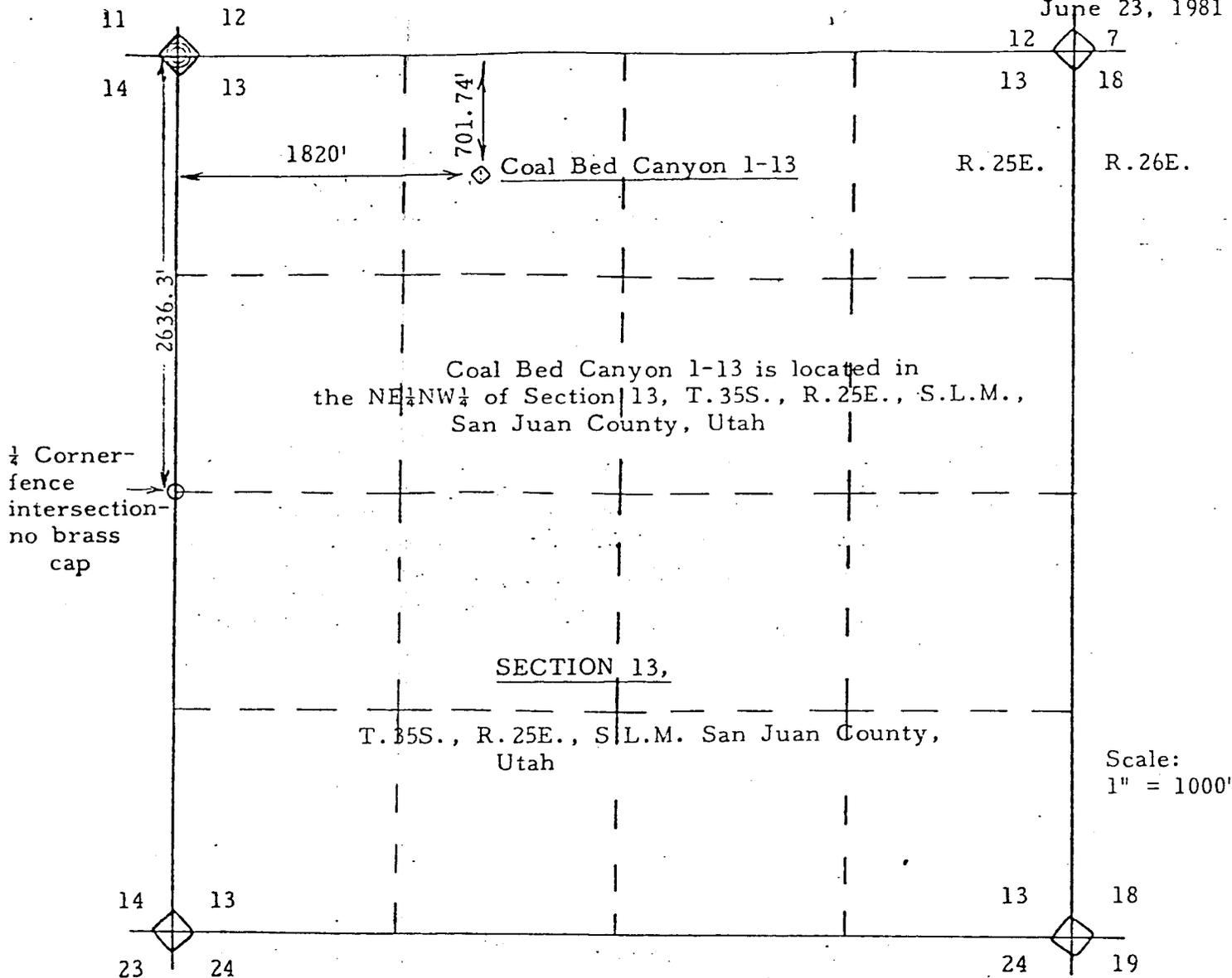
PERMIT NO. _____ APPROVAL DATE _____
FOR E. W. GYNN
APPROVED BY: *W. J. Matthews* TITLE: DISTRICT OIL & GAS SUPERVISOR DATE: SEP 25 1981

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY
FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

STIPULATIONS ATTACHED
APPROVED FOR A PERIOD NOT TO EXCEED 1 YEAR.

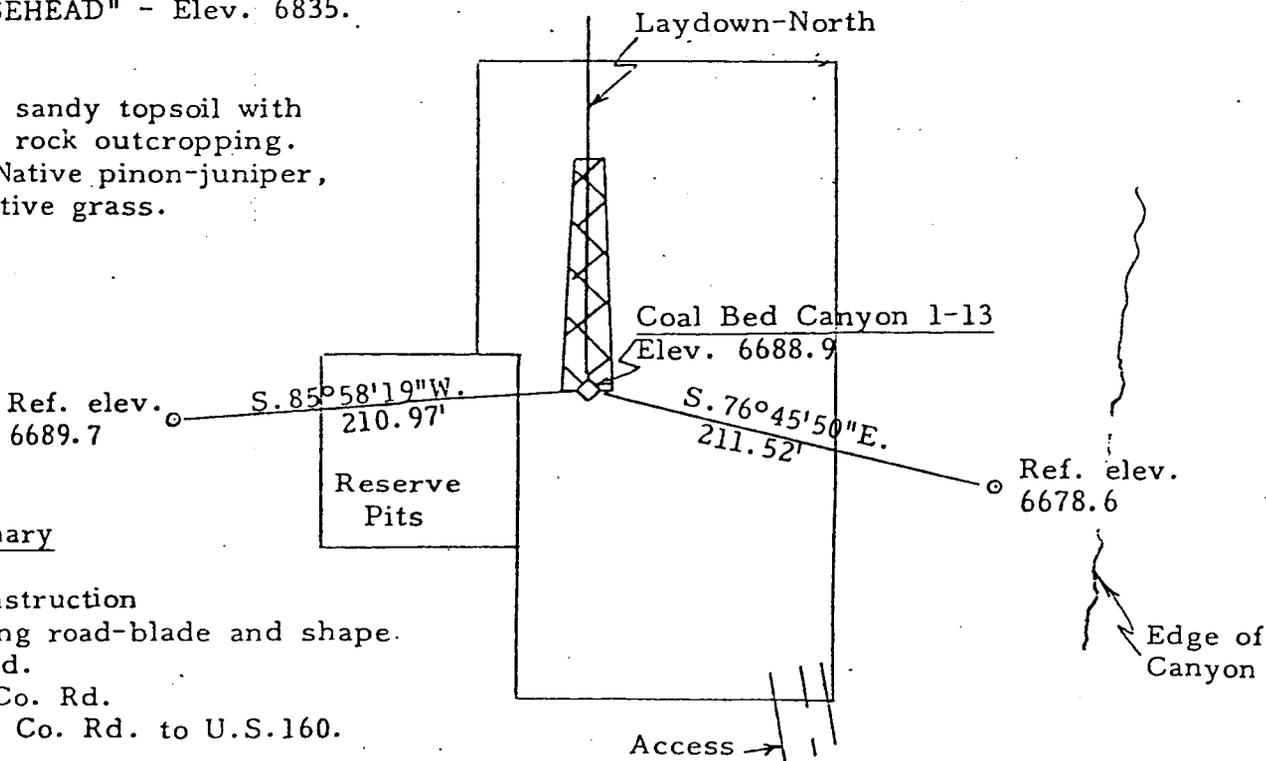
STATE O & G

June 23, 1981



Elevations referenced to triangulation station "HORSEHEAD" - Elev. 6835.

Soil: Shallow sandy topsoil with sandstone rock outcropping.
Vegetation: Native pinon-juniper, sparse native grass.



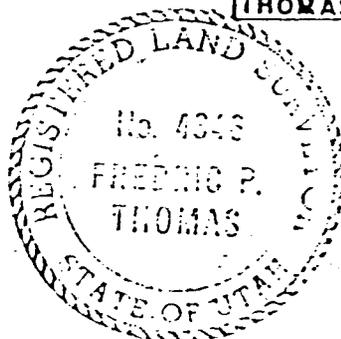
Road Summary

- 1 mi. new construction
- 3/4 mi. existing road-blade and shape to Co. Rd.
- 1/2 mi. gravel Co. Rd.
- 6.6 mi. paved Co. Rd. to U.S.160.

NOW ALL MEN BY THESE PRESENTS:
THAT I, FREDRIC P. THOMAS
do hereby certify that I prepared this plat from an actual and accurate survey of the land and that the same is true and correct to the best of my knowledge and belief.

Fredric P. Thomas
FREDRIC P THOMAS
Reg. L.S. and P.E.
Colo. Reg. No. 6728

Utah Reg. NO. 4346



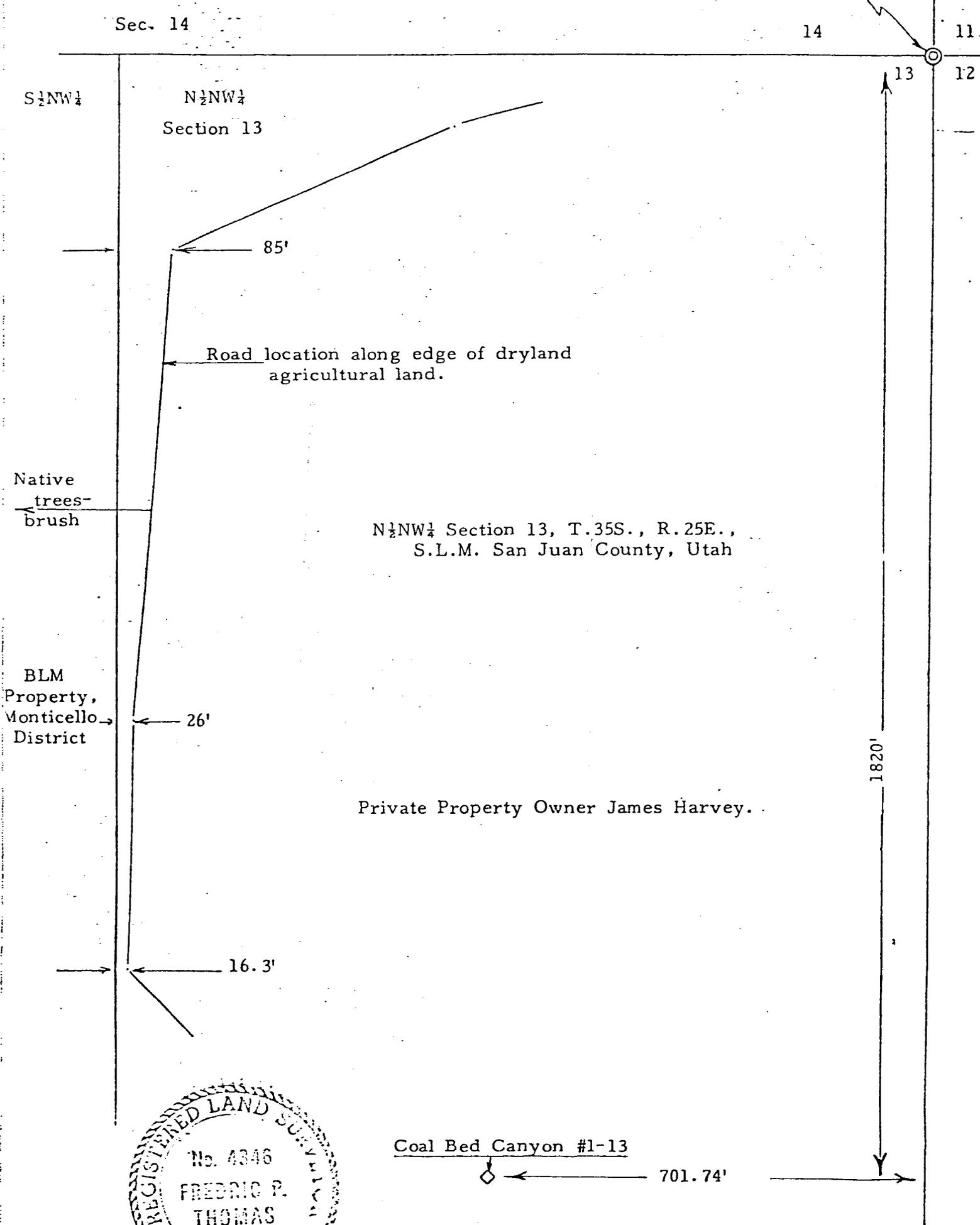
THOMAS Engineering Inc.

215 N. Linden
Cortez, Colorado
565-4496

Location of Road to be Constructed in the N $\frac{1}{2}$ NW $\frac{1}{4}$ of Section 13, T.35S., R.25E., S.L.M., San Juan County, Utah.

Heitzman Site Services-Snyder Oil Co.
Road Survey for Well Coal Bed Canyon 1-13
June 23, 1981

U.S.G.L.O. Brass Cap



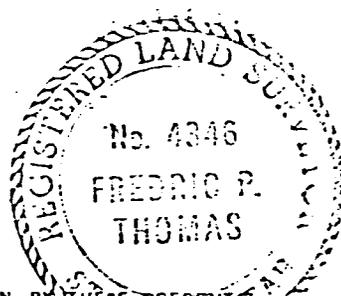
N $\frac{1}{2}$ NW $\frac{1}{4}$ Section 13, T.35S., R.25E.,
S.L.M. San Juan County, Utah

Private Property Owner James Harvey.

Coal Bed Canyon #1-13

701.74'

1820'



KNOW ALL MEN BY THESE PRESENTS, THAT I, FREDRIC P. THOMAS do hereby certify that I prepared this plat from an actual and accurate survey of the land and that the same is true and correct to the best of my knowledge and belief.

Fredric P. Thomas

FREDRIC P THOMAS
Reg. L.S. and P.E.
Colo. Reg. No. 6728

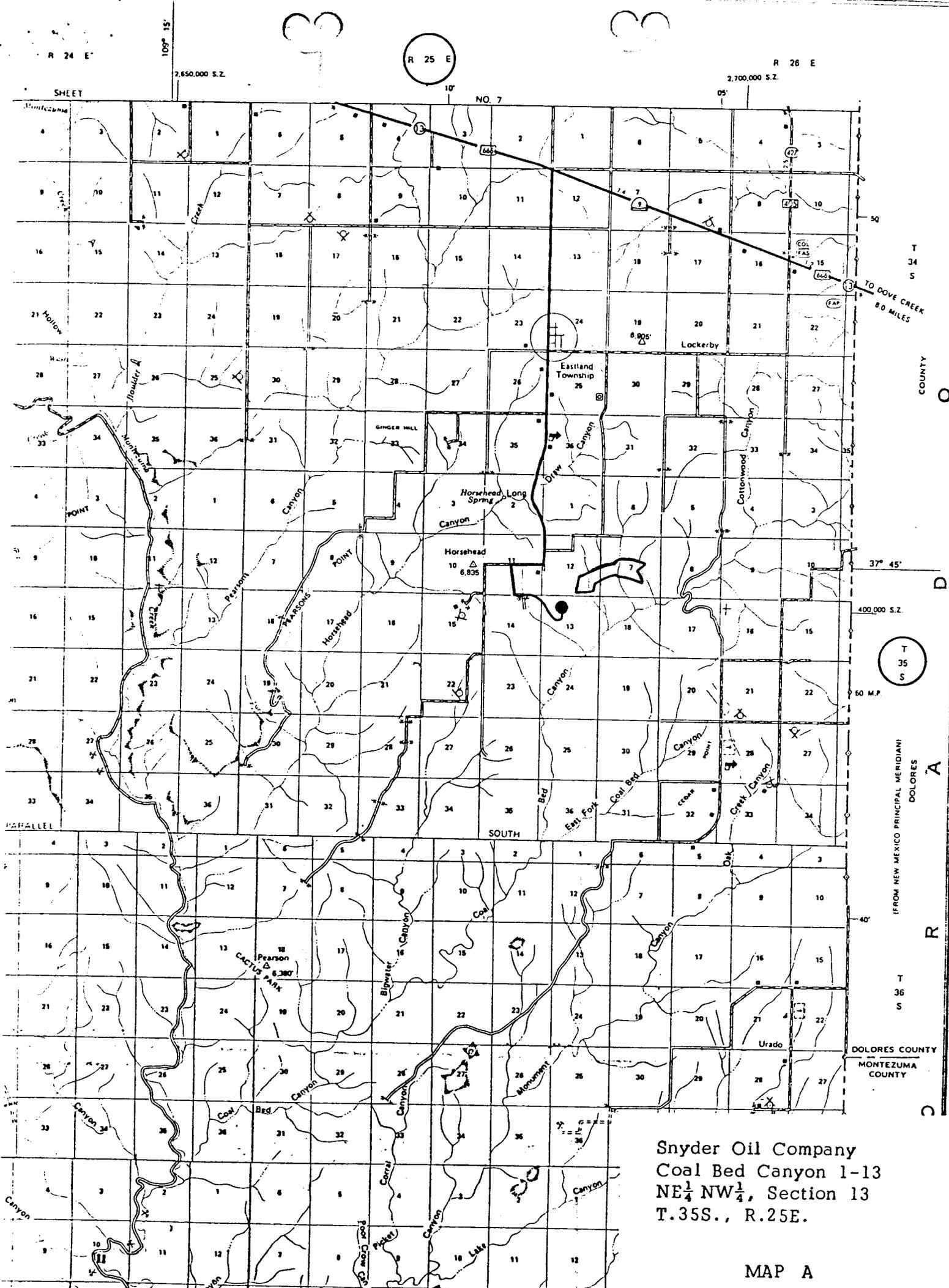
Utah Reg. No. 4346

THOMAS Engineering Inc.

25 N. Linden
Cortez, Colorado
565-4496



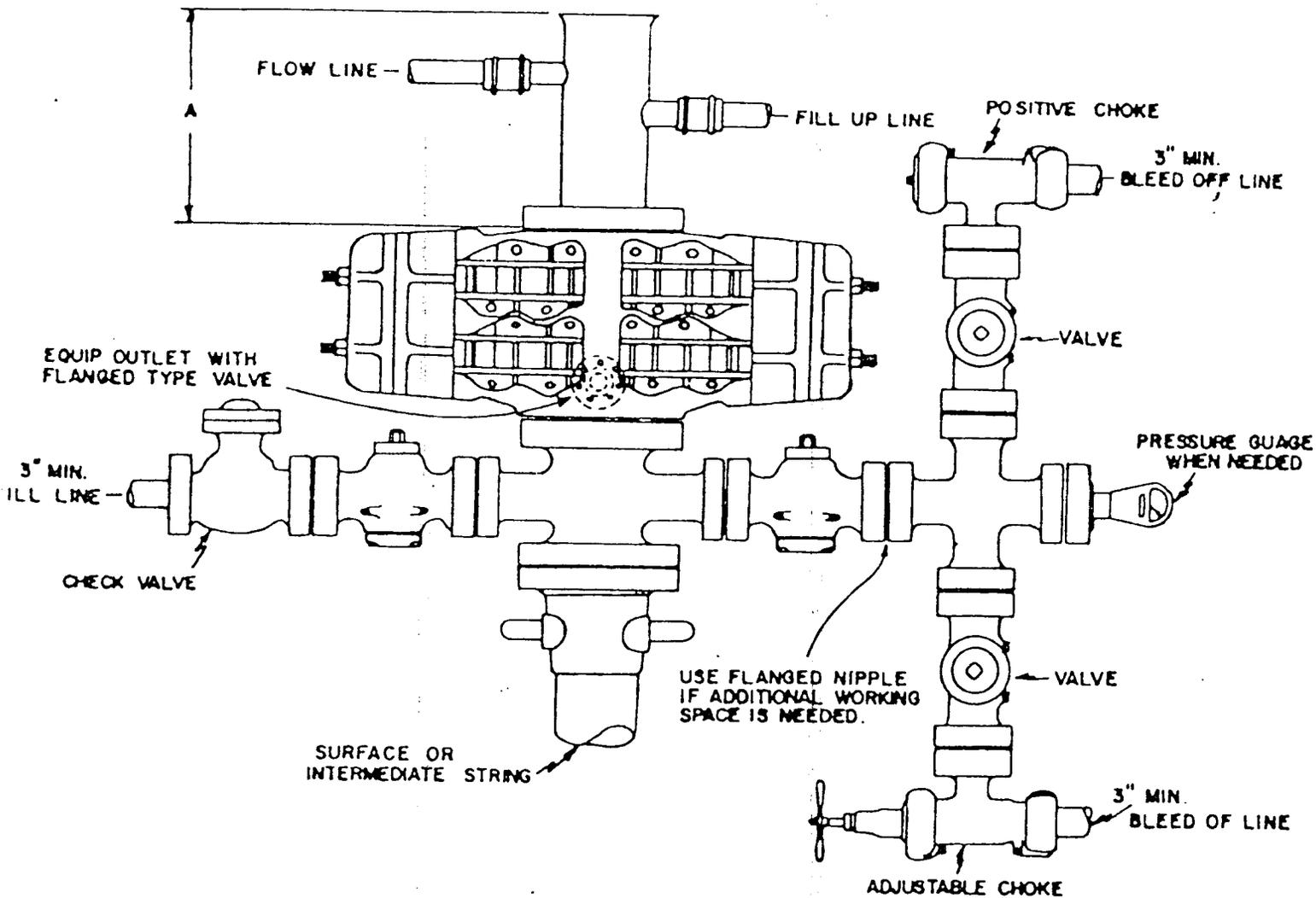
Scale 1" = 200'
0 100 200



Snyder Oil Company
 Coal Bed Canyon 1-13
 NE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 13
 T. 35S., R. 25E.

MAP A

Snyder Oil Company
Coal Bed Canyon # 1-13
NE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 13, T.35S., R.25E.



BLOWOUT PREVENTER

9-10 inches 3000 psi

DRILLING PROGNOSIS

Snyder Oil Company
1-13 Coal Bed Canyon
San Juan Co., Utah

1. SURFACE FORMATION:

Morrison

2 & 3. ESTIMATED TOPS AND ANTICIPATED OIL, GAS AND WATER ZONES:

Honaker Trail	-	4445'	
Paradox	-	5100'	
Ismay	-	5510'	Oil
L/Ismay	-	5640'	Oil
Desert Creek	-	5720'	Oil
Salt/TD	-	5900'	

If any water zones are encountered they will be adequately protected and reported, none anticipated.

4. CASING PROGRAM: (All New)

<u>Hole Size</u>	<u>Interval</u>	<u>Section Length</u>	<u>Size</u>	<u>Weight, Grade & Joint</u>		
17 1/2"	0-200'	200'	13 3/8"	48#	H-40	ST&C
12 1/4"	0-3000'	3000'	9 5/8"	36#	K-55	ST&C
8 3/4"	0-5500'	5500'	5 1/2"	14#	K-55	ST&C
8 3/4"	5500-5900'	400'	5 1/2"	15.5#	K-55	ST&C

5. PRESSURE CONTROL EQUIPMENT:

Schematic attached.

Type: 9 or 10" - 900 Series - Double Gate
Pressure Rating: 3000 psi
Testing Procedure: Equipment will be pressure tested to 1000 psi prior to drilling out from under surface and operational checks will be made daily and recorded on tour sheet.

6. MUD PROGRAM: (Visual Monitoring)

<u>Depth</u>	<u>Weight (ppg)</u>	<u>Viscosity (sec/qt)</u>	<u>Fluid Loss(cc)</u>	<u>Type</u>
0-100'	8.5-8.8	N/C	N/C	Gel/lime Slurry
100-2000'	8.5-8.8	28-32	20	LSND
2000-4400'	8.8-9.3	30-32	20	LSND
4400-5500'	9.4-9.5	34-36	10	LSND
5500-5800'	9.4-9.5	44-45	10	LSND

Sufficient mud inventory will be maintained on location during drilling.

7. AUXILIARY EQUIPMENT:

1. A Kelly cock will be kept in the string at all times.
2. Periodic checks will be made each tour of the mud system.
3. A stabbing valve will be kept on the derrick floor to be stabbed into the drill pipe whenever the Kelly is not in the string.
4. Bit float will be used if deemed necessary.

8. EVALUATION PROGRAM:

Logs: DIL - 4000' to total depth
Sonic - B/surface casing to total depth
FDL/CNL - 2000' to total depth
Logging program may change at the discretion of the well site Geologist.

DST's: 3 in the Ismay and Desert Creek formation if shows warrant

Cores: At the Discretion of the well site Geologist.

9. ABNORMAL CONDITIONS:

It is not anticipated that abnormal temperatures, pressures or toxic gases will be encountered.

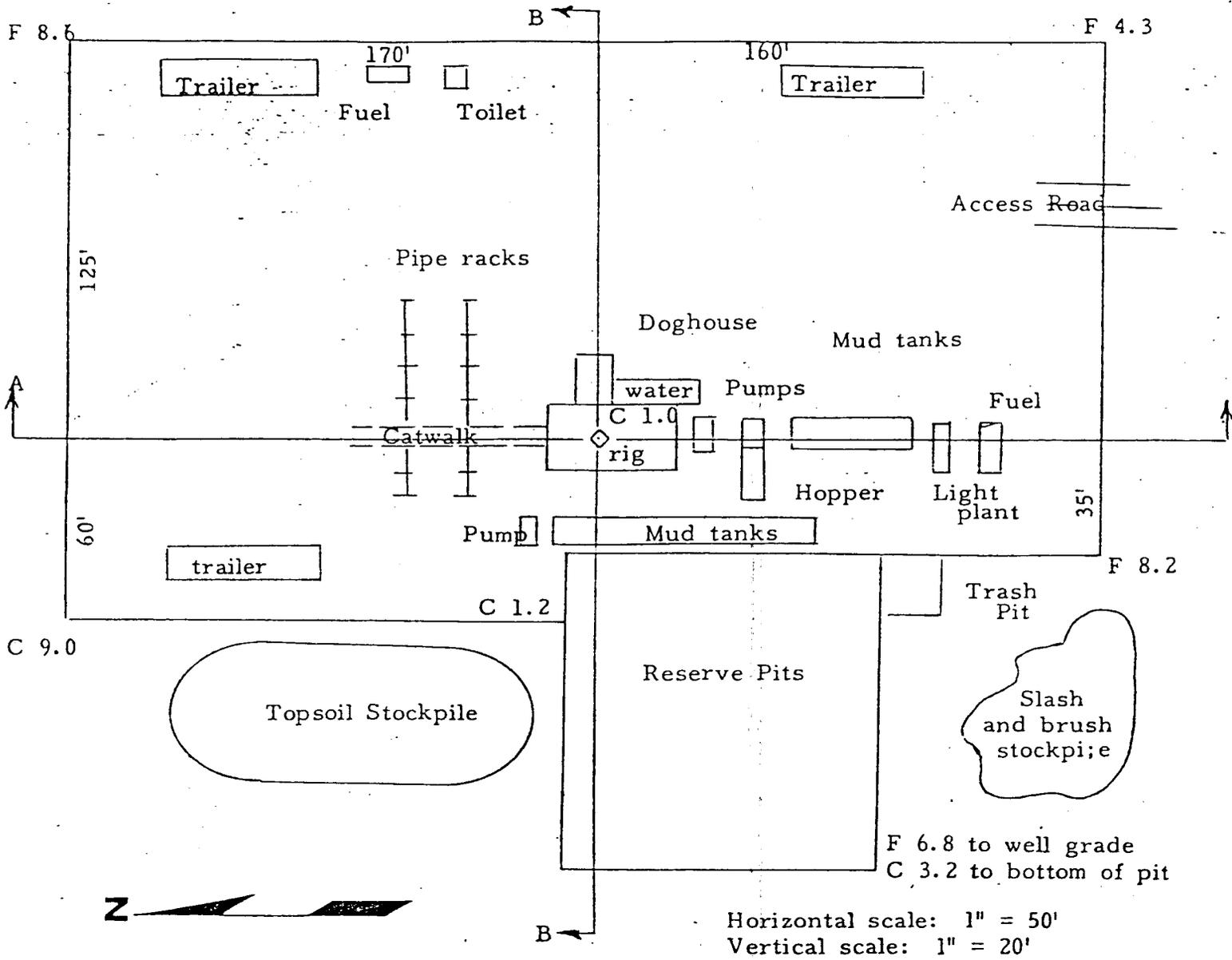
10. DRILLING ACTIVITY:

Anticipated commencement date: On Approval and Rig Availability

Required drilling days: Approximately 35

Required completion days: Approximately 15

June 23, 1981



Fredric P Thomas

FREDRIC P THOMAS
Reg. L.S. and P.E.
Colo. Reg. No. 6728

Utah Reg. No. 4346

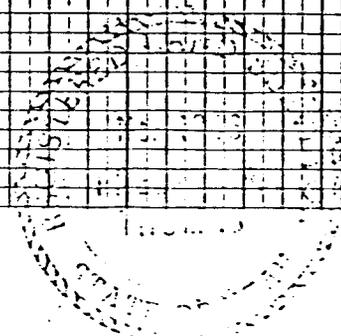


FIGURE # - 2

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

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

SUBJECT: APD MINERAL EVALUATION REPORT
~~SNYDER OIL COMPANY~~

20335
 LEASE NO. U-46740
 WELL NO. East Bed #1 #1-13

OPERATOR: Standard Energy

LOCATION: NE NW 13 00
~~SE NE~~ sec. 8, T. 35 S., R. 26 E., SLM
San Juan County, Utah

1. Stratigraphy:

Morrison	surface	Moenkopi	1750'
Entrada	100'	Cutler	1900'
Carmel	210'	Honk Trail	3625'
Navajo	260'	Para x	4300'
Wingate	690'	Ismay	4990'
Chinle	955'	Desert Creek	5200'
Shinarump	1670'	<u>TD</u>	<u>5350'</u>

2. Fresh Water:

Fresh water may be present from surface to the Chinle and in Cutler sandstones.

3. Leasable Minerals:

Oil/Gas: Ismay, Desert Creek

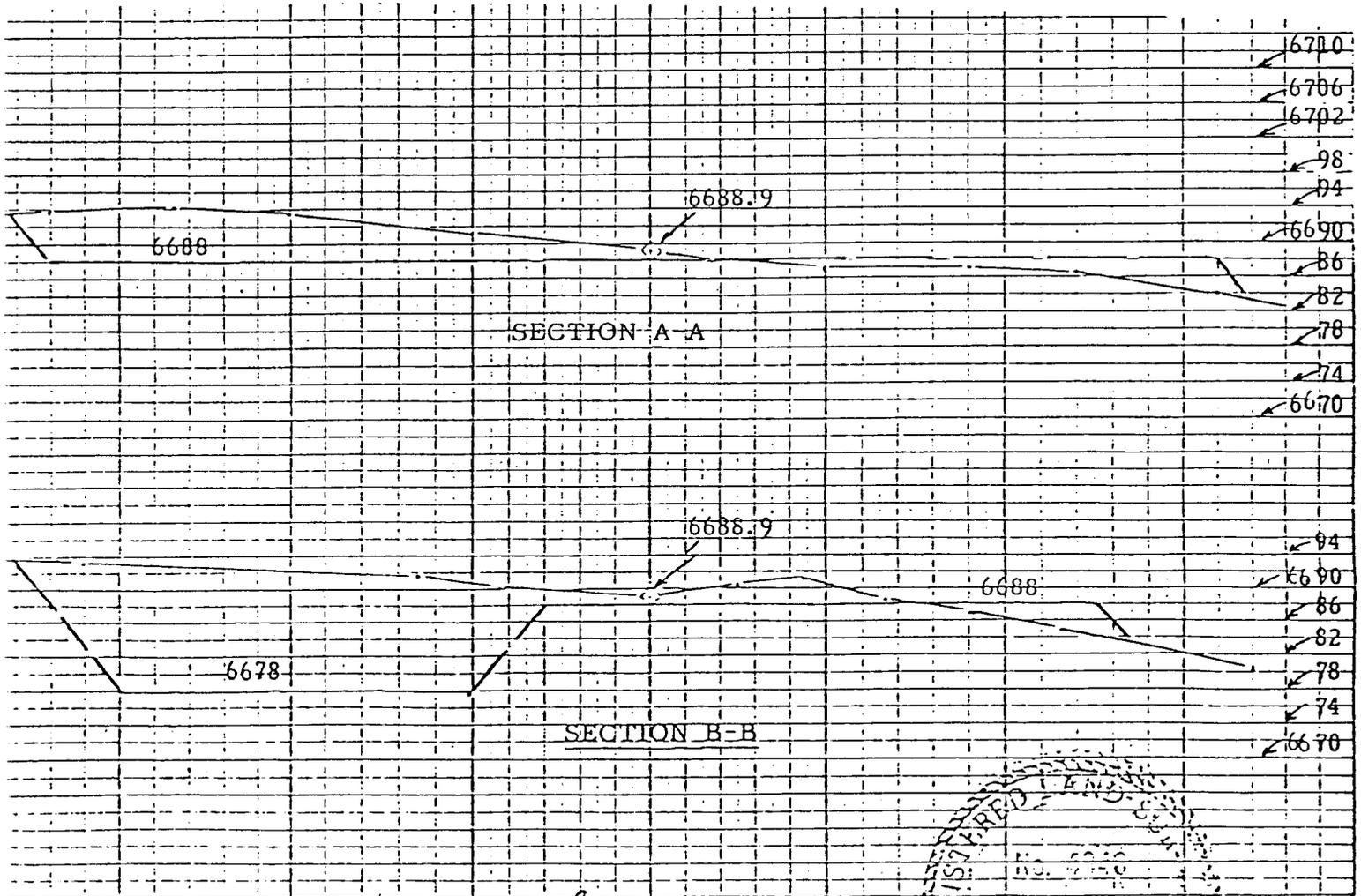
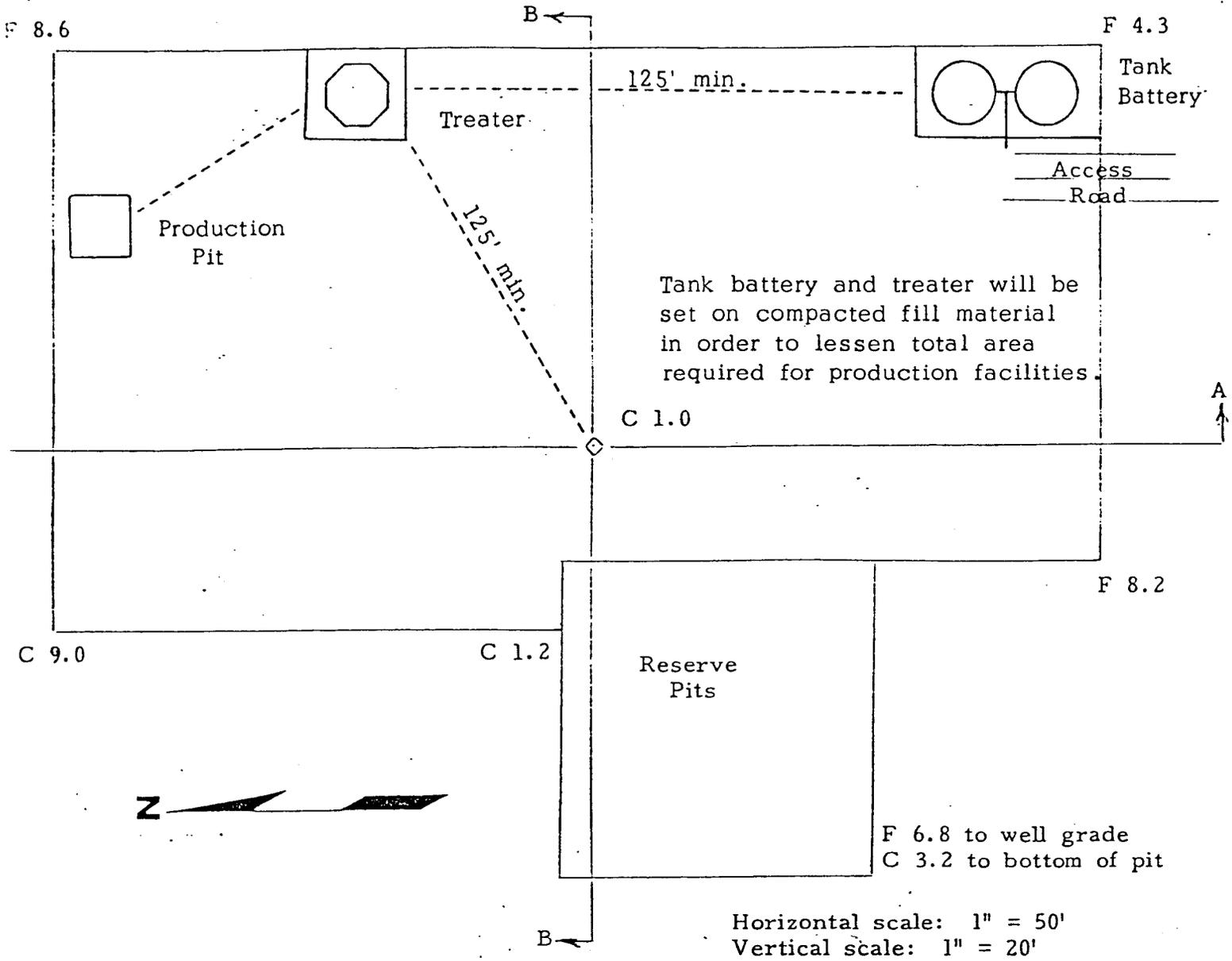
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 U. S. GEOLOGICAL SURVEY
 DURANGO, COLO.

4. Additional Logs Needed: Adequate

5. Potential Geologic Hazards: None expected

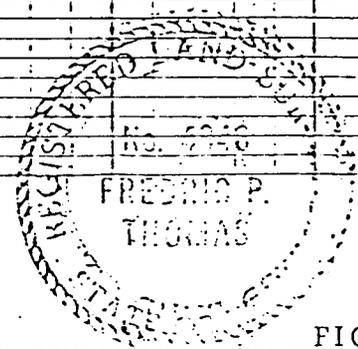
6. References and Remarks:

Signature: Gregory W. Wood Date: 6-12-81



FREDRIC P THOMAS
 Reg. L.S. and P.E.
 Colo. Reg. No. 6728

Levin & Wagner



Utah Reg. NO. 4346

REHABILITATION PLAN

Lease No.: U-20335; Well Name and No.: COAL BED CANYON 1-13
Subdivision: NE 1/4 NW 1/4, Section 13, T. 35 S N., R. 25 E W.,
County SAN JUAN, State UTAH

SNYDER Oil Company intends to drill a well on surface owned by JAMES HARVEY. The lessee/operator agrees to complete the following rehabilitation work if the well is a producer:

- Yes No Maintain access road and provide adequate drainage from road.
- Yes No Reshape and seed any area not needed for maintenance of the production facilities.

Other requirements: _____

The following work will be completed when the well is abandoned/dry hole:

WELL LOCATION

- Yes No ~~Site will be fenced until dry~~, then filled to conform to surrounding topography.
- Yes No Water bars will be constructed as deemed necessary.
- Yes No Site will require reshaping to conform to surrounding topography.
- Yes No Entire disturbed area will be seeded with the following seed mixture:

3 1/2 lbs Crested wheat Grass
5 lbs Tall wheat Grass

ACCESS ROAD

- Yes No Access road will be closed, rehabilitated and seeded using the same seed mixture as above.
- Yes No Water bars will be constructed on the access road as deemed necessary.

Other requirements: ARCHEOLOGICAL INVENTORY TO BE CONDUCTED AT OPTION OF THE SURFACE OWNER

SURFACE OWNER		OPERATOR/LESSEE	
Name:	<u>JAMES HARVEY</u>	Name:	<u>SNYDER OIL COMPANY</u>
Address:	<u>E 25th ROUTE</u>	Address:	<u>1800 GLENARM PLACE, 7th Floor</u>
City:	<u>MONTICELLO</u>	City:	<u>DENVER</u>
State:	<u>UTAH 84535</u>	State:	<u>COLORADO 80202</u>
Phone:	<u>(801) 587-2912</u>	Phone:	<u>(303) 620-8492</u>
Date:	<u>JUNE 8, 1981</u>	Date:	<u>JUNE 4 1981</u>

I CERTIFY rehabilitation has been discussed with me, the surface owner:

James Harvey
(Surface owner's signature)

This plan covers rehabilitation requirements only and does not affect any other agreements between the lessee/operator and surface owner.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Snyder Oil Company Well No. 1-13
Location Sec. 13-355-25E Lease No. U-20335

A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (30 CFR 221), and the approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

1. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 30 CFR 221.22. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.
3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. If operations are to be suspended, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office, but must be timely followed within 15 days with a "Notice of Intention to Abandon" (form 9-331). Unless the plugging is to take place immediately upon receipt of oral approval, the District Supervisor must be notified at least 48 hours in advance of the plugging of the well in order that a representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (form 9-331) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a follow-up report on form 9-331 should be filed when all surface restoration work has been completed and the location is considered ready for final inspection.

Operator

4. The spud date will be reported orally to the District Supervisor's office within 48 hours after spudding. If the spudding occurs on a weekend or holiday, wait until the following regular workday to make this report.

Periodic drilling progress reports must be filed directly with the District Supervisor's office on a frequency and form or method as may be acceptable to the District Supervisor.

In accordance with NTL-1, this well must be reported on Form 9-329 "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed, in duplicate, directly with the U.S. Geological Survey Accounting, P.O. Box 2859, Casper, Wyoming 82602.

Any change in the program must be approved by the District Supervisor. "Sundry Notices and Reports on Wells" (form 9-331) must be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alteration of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan pursuant to NTL-6, and prior approval by the District Supervisor.

5. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (form 9-330) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 30 CFR 221.59. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 9-330. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by this office.
6. Significant surface values (are) (~~are not~~) involved at this location. Accordingly, you (must) (~~need not~~) notify the Surface Management Agency at least (24) (~~48~~) hours prior to commencing field operations to allow the Surface Management Agency office to have personnel present for consultation during the construction of roads and locations.

The Surface Management Agency contact is: Bob Turri
Office Phone: 801-587-2201, Home Phone: _____
City: Monticello, State: Utah

The U.S. Geological Survey District office address and contacts are:

Address:	<u>2000 Administration Building, 1745 West 1700 South, SLC, Utah 84104</u>		
Office Phone:	<u>(801) 524-4590</u>		
District Supervisor	<u>E. W. Gynn</u>	Home Phone:	<u>(801) 582-7042</u>
District Drilling Engineer	<u>W. P. Martens</u>	Home Phone:	<u>(801) 466-2780</u>
District Production Engineer	<u>R.A. Henricks</u>	Home Phone:	<u>(801) 484-2294</u>
Staff Engineer	<u>A.M. Raffoul</u>	Home Phone:	<u>(801) 484-2638</u>

7. SURFACE OPERATING STANDARDS

Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes but is not limited to such items as road construction and maintenance, handling of top soil and rehabilitation.

8. If a replacement rig is contemplated for completion operations, a "Sundry Notice" must be filed and approved by the District Supervisor, prior to commencing completion operations. All conditions of the approved Application for Permit to Drill are applicable during all operations conducted with the replacement rig.

9. Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Supervisor's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.

10. This permit is valid for a period of one year from the date of approval. If construction does not commence within 90 days from approval, the operator must contact the Surface Management Agency 15 days prior to beginning construction. Construction under adverse conditions may require additional stipulations. If the permit terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, it is required that a new application be filed for approval of any future operations.

11. If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.

12. _____

SUPPLEMENTAL STIPULATIONS OF APPROVAL ATTACHED

STIPULATIONS

Well sign should read:

Snyder Oil Company
U-20335
No. 1-13 Coal Bed Canyon
NENW 13-35S-25E
San Juan County, Utah

The stipulations are the surface use plan and the rehabilitation agreement with the private surface owner.

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

ADDITIONAL STIPULATIONS FOR PRODUCTION FACILITIES

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

- (1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- (2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.
- (3) All disturbed areas not required for operations will be rehabilitated.
- (4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.
- (5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.
- (6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.
- (7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.
- (8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.
- (9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.
- (10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.
- (11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.
- (12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

SNYDER OIL COMPANY

Lease # U-20335, Coal Bed Canyon 1-13
NE¼NW¼ Section 13, T35S, R25E
San Juan County, Utah

Multi-Point Surface Use and Operations Plan

1. Existing Roads: Refer to Map "A" (Shown in RED)

- A. The proposed well site is staked and the surveyors plat attached. Two 200-foot reference stakes are present.
- B. To reach the location, from Dove Creek, Colorado, proceed northwest approximately 13.5 miles on Highway 666, thence south approximately 6.6 miles on a paved county road, thence west approximately 0.5 miles on a gravel county road, thence south and east approximately 0.75 miles on an existing road, thence east approximately 1.0 mile to the location.
- C. Access roads - refer to Maps "A" and "B".
- D. Existing roads within a three-mile radius - refer to Maps "A" and "B".
- E. Not applicable.
- F. The existing road will require minor upgrading and maintenance as necessary to provide access during the drilling operation. The San Juan County Road Department in Monticello will be contacted prior to use of the existing county roads (Dick Traister (801) 587-2249).

2. Planned Access Road: Refer to Map "B" (Shown in GREEN) and Figure #1

Approximately 1 mile of new access road will be required.

- A. Width - 18 feet, flat-bladed for drilling and completion operations.
- B. Maximum grade - 7%.
- C. Turnouts - none required.
- D. Drainage design - road will be crowned and ditched with water turnouts as required if production is established.
- E. Culverts, cuts and fills - no culverts will be required for drilling. Maximum cuts and fills will be four feet. If production is established, culverts will be installed as required and cut and fill slopes will be sloped to BLM recommendations.
- F. Surfacing material - no outside construction materials will be required.
- G. Gates, cattleguards or fence cuts - two cattleguards will be required.
- H. New access road is flagged.

3. Location of Existing Wells: (Within a Two-Mile Radius)

- A. Water wells - none known.
- B. Abandoned wells - none known.
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - none known.
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring or observation wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Snyder Oil Company:
 - A. Existing
 1. Tank batteries - none.
 2. Production facilities - none.
 3. Oil gathering lines - none.
 4. Gas gathering lines - none.
 - B. New Facilities Contemplated (Refer to Figure #3)
 1. All production facilities will be located on the disturbed portion of the well pad and will be painted a neutral color to blend in with the surrounding topography.
 2. Production facilities will require an area approximately 175' X 175'.
 3. Production facilities will be accommodated on the well pad. Construction materials needed for installation of the production facilities will be obtained from the site, any additional materials needed will be purchased from a local supplier.
 4. Any open pits will be fenced to protect livestock and wildlife.
 - C. Rehabilitation of disturbed areas no longer needed for operations will be accomplished by grading, leveling and seeding as recommended by the BLM.
5. Location and Type of Water Supply:
 - A. Drilling water will be obtained from the municipal water supply of the town of Monticello, Utah.
 - B. The water will be trucked over existing roads to the well location. No new construction will be required on/along the water haul route.
 - C. No water well will be drilled on this location.
6. Source of Construction Materials:
 - A. No construction materials will be needed for access road and well pad construction, surface and sub-surface soils will be sufficient.
 - B. Not applicable.
 - C. If production is obtained, any construction materials needed for surfacing access road and installation of production facilities will be purchased from a local supplier. Surfacing materials will not be placed on the access road or location without prior approval of both the USGS and BLM.
 - D. No new access roads for construction materials will be required.
7. Methods of Handling Waste Material Disposal:
 - A. Cuttings - the cuttings will be deposited in the reserve pit.
 - B. Drilling fluids - contained in reserve pit and allowed to evaporate.
 - C. Produced fluids - fluids produced during the completion operation will be collected in test tanks. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and removed.
 - D. Sewage - chemical toilets will be provided.

7. Continued

- E. Garbage and other waste material - garbage, trash and flammable wastes will be handled in the trash/burn pit. The trash/burn pit will be constructed near the mud tanks with steep sides and dug at least six feet in solid ground. The trash/burn pit will be completely enclosed with small mesh wire during drilling and will be buried with a minimum of six feet of earth upon completion of operations. A burning permit will be obtained from the State Fire Warden (John Baker (801) 587-2705) prior to burning any trash.
- F. After the rig moves out, all materials will be cleaned up and no adverse materials will be left on the location. Any open pits will be fenced during drilling and kept fenced until such time as the pits are backfilled.

8. Ancillary Facilities:

None

9. Wellsite Layout:

- A. Figure #2 shows the drill site layout as staked. Cross-sections have been drafted to visualize the planned cuts and fills across the location. Eight inches of topsoil will be stockpiled per BLM specifications and stockpiled on the east side of the location.
- B. Figure #2 is a diagram showing the rig layout. No permanent living facilities are planned. There will be three trailers on location; one each for mud logger, tool pusher and geologist.
- C. Figure #3 shows the proposed production facilities layout.
- D. The reserve pit will be lined with commercial bentonite to prevent seepage.

10. Plans for Restoration of the Surface:

- A. Backfilling, leveling and recontouring are planned as soon as all pits have dried. Waste disposal and spoils materials will be buried in the reserve pit immediately after drilling is completed. If production is obtained, the unused area will be restored as soon as possible.
- B. The soil banked material will be spread over the area with enough topsoil retained to reclaim the remainder of the location at a future date. Revegetation will be accomplished by planting mixed grasses as per formula by the surface owner:

5 lbs/acre Tall Wheatgrass
3.5 lbs/acre Fairway Crested Wheatgrass

Prior to seeding, all disturbed areas will be scarified on the contour to a depth of 4-6 inches. The seed will be broadcast and a harrow dragged over the area to assure seed cover. Revegetation is recommended for road area as well as around drill pad.

10. Continued

- C. Three sides of the reserve pit will be fenced with four strands of barbed wire during drilling operations. Prior to rig release, the reserve pit will be fenced on the fourth side to prevent livestock or wildlife from becoming entrapped, and the fencing will be maintained until leveling and cleanup are accomplished.
- D. If any oil is on the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
- E. The rehabilitation operations will begin after the drilling rig is removed. The San Juan Resource Area BLM Office in Monticello, Utah will be contacted 48 hours prior to beginning rehabilitation work and upon completion of said work, (801) 587-2201. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Planting and revegetation is considered best in Fall, 1984, unless requested otherwise.

11. Other Information:

- A. The project area is situated on the west side of Coal Bed Canyon. This area is typical of the high desert country with the soil consisting of a red sandy-clay composition typical of the Morrison Formation. Flora consists of native grasses, forbs, pinyon pine, juniper, prickly pear cactus and sagebrush. Fauna consists of deer, coyotes, rabbits, raptors and various other small vertebrates.
- B. The primary surface use is for grazing. The well site surface is owned by James Harvey and a signed Rehabilitation Plan is attached.
- C.
 - 1. There is no local permanent water source; drainage runs to the intermittent flow of Coal Bed Creek approximately 0.1 miles east of the location.
 - 2. The closest occupied dwellings are the Harvey Ranch in the SW $\frac{1}{4}$ Section 12.
 - 3. There are no known archeological, historical or cultural sites that will be disturbed by this drilling operation. In the event subsurface cultural materials are exposed during construction, work will stop and the BLM office in Monticello notified at once.

12. Lessee's or Operator's Representative:

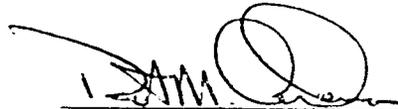
** Heitzman Drill-Site Services	Snyder Oil Company
Dale Heitzman/Robert M. Anderson	Tom Bandy
P. O. Box 2361	1800 Glenarm Place, 7th Floor
Casper, Wyoming 82602	Denver, Colorado 80202
(307) 266-4840	(303) 620-8492

** Contact for the pre-drill inspection and additional information if required.

13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the drill site and access road; 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 sub-contractors in conformity with this plan and conditions under which it is approved.

July 9 1981
Date


Robert M. Anderson/Agent

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
SNYDER OIL COMPANY SOCO PLAZA 7th Floor
3. ADDRESS OF OPERATOR
1800 Glenarm Pl., Denver, CO 80202
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 702 FNL 1820 FWL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

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

- | | | | |
|-------------------------------------|--------------------------|-----------------------|--------------------------|
| REQUEST FOR APPROVAL TO: | | SUBSEQUENT REPORT OF: | |
| TEST WATER SHUT-OFF | <input type="checkbox"/> | | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | | <input 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>change casing design</u> | | | |

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 intermediate casing will be set at 2100' instead of 3000' Cement will be circulated to the surface.

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED Paul T. Gayer TITLE Div. Eng. Mgr. DATE 7/17/81

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

5. LEASE
11-20335

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

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Coal Bed Canyon

9. WELL NO.
1-13

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Sec. 13 T35S, R25E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6,689 GR

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

Set @ _____ Ft.

United States Department of the Interior
Geological Survey

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator/Project Name Snyder Oil Company / 1-13 Coal Bed Canyon
 Project Type single zone oil explorational well
 Project Location 202' FNL / 1820' FWL, Sec. 13, T. 35S., R. 25E.
 San Juan County, Utah
 Lease Number U-20335
 Date Project Submitted September 4, 1981

FIELD INSPECTION

Date June 4, 1981

Field Inspection
Participants

Bob Anderson - agent for Snyder Oil Co.
Dean McClellan - McDonald Construction Co.
Bob Turri / Reed Wilson - Bureau of Land Management
Ernie Manner - Surveyor, Thomas Engineering
Don Englishman - USGS

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A.	Federal or State Agency			Local and Private Correspondence	Previous NEPA documents	Other Studies and Reports	Staff Expertise	Onsite Inspection (date)	Other
	Correspondence	Phone Calls	Meetings						
1. Public health and Safety						✓	✓		
2. Unique Characteristics							✓		
3. Environmentally Controversial							✓		
4. Uncertain and Unknown Risks						✓	✓		
5. Establishes Precedent							✓		
6. Cumulatively Significant							✓		
7. National Register Historic Places	✓2								
8. Endangered or Threatened Species	✓2								
9. Violate Federal, State, Local or Tribal Laws						✓	✓		

July 15, 1981 / o.e.e.
Date Prepared

George Dumaehak for DES
Signature of Preparer

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.

SEP 24 1981

Date

W. J. Martens FOR E. W. GUYNN
District Supervisor DISTRICT OIL & GAS SUPERVISOR



United States Department of the Interior

IN REPLY REFER TO
T35SR25E Sec. 13
(U-069)

BUREAU OF LAND MANAGEMENT
Moab District
San Juan Resource Area
P.O. Box 7
Monticello, Utah 84535

September 10, 1981

Memorandum

To: USGS, Durango, CO
From: Area Manager, San Juan
Subject: Snyder Oil Company, Lease No. U-20335, Coal Bed Canyon #1-13

We concur with Snyder Oil Company's Application for Permit to Drill.

Edmond R. Schuch

Coal Bed Canyon - Permits

SOCO

Snyder Oil Company

SOCO Plaza, 7th Floor
1800 Glenarm Place
Denver, Colorado 80202
(303) 620-8400

July 22, 1981

District Oil & Gas Engineer
U.S.G.S. Conservation Division
P.O. Box 3524
Durango, Co. 81301

RE: Lease Nos. C-17183 & U-20335

Gentlemen,

Attached are the Designation of Operator statements for the subject leases in Montezuma County, Colorado and San Juan County, Utah, respectively. If any further information is needed to expedite processing of these permits, please let me know.

Very truly yours,



John H. Middleton
Technical Assistant

JHM/jb
attachments

10/28 V-1153 (Submit in triplicate)

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL NO.: Utah-20335

and hereby designates

NAME: Snyder Oil Company
ADDRESS: 1800 Glenarm Place
Denver, Colorado 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 35 South, Range 25 East, SLM

Section 11: S $\frac{1}{2}$ SE $\frac{1}{4}$

Section 12: SE $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ S $\frac{1}{2}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$

Section 13: All

Section 14: SE $\frac{1}{4}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ SE $\frac{1}{4}$

Containing 1080 Acres, more or less, in San Juan County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

SOCO 1980 Acreage Program by
Snyder Oil Company Program Manager

By Maynard E. Robertson
(Signature of lessee)

Maynard E. Robertson, Sr. Vice President

1800 Glenarm Place

Denver, Colorado 80202

JULY 17, 1981

(Date)

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL NO.: Utah-20335

and hereby designates

NAME: Snyder Oil Company
ADDRESS: 1800 Glenarm Place
Denver, Colorado 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 35 South, Range 25 East, SLM
Section 11: S $\frac{1}{2}$ SE $\frac{1}{4}$
Section 12: SE $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ S $\frac{1}{2}$, NE $\frac{1}{2}$ SE $\frac{1}{2}$
Section 13: All
Section 14: SE $\frac{1}{4}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ SE $\frac{1}{2}$
Containing 1080 Acres, more or less, in San Juan County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

SOCO 1980 Acreage Program by
Snyder Oil Company Program Manager

By: Maynard E. Robertson
(Signature of lessee)

Maynard E. Robertson, Sr. Vice President

1800 Glenarm Place
Denver, Colorado 80202

July 17, 1981
(Date)

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL NO.: Utah-20335

and hereby designates

NAME: Snyder Oil Company
ADDRESS: 1800 Glenarm Place
Denver, Colorado 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 35 South, Range 25 East, SLM

Section 11: $S\frac{1}{2}SE\frac{1}{4}$

Section 12: $SE\frac{1}{4}NE\frac{1}{4}$, $S\frac{1}{2}S\frac{1}{2}$, $NE\frac{1}{4}SE\frac{1}{4}$

Section 13: All

Section 14: $SE\frac{1}{4}NE\frac{1}{4}$, $E\frac{1}{2}SE\frac{1}{4}$

Containing 1080 Acres, more or less, in San Juan County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

SOCO 1980 Acreage Program by
Snyder Oil Company Program Manager

By: Maynard E. Robertson

(Signature of lessee)

Maynard E. Robertson, Sr. Vice President

1800 Glenarm Place

Denver, Colorado 80202

July 17, 1981

(Date)



Snyder Oil Company

SOCO Plaza, 7th Floor
1800 Glenarm Place
Denver, Colorado 80202
(303) 620-8400

November 5, 1981

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

Attention: District Engineer

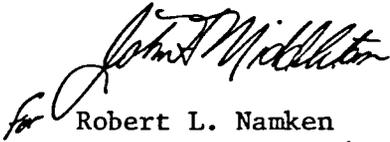
RE: Lease #U-20335
Sundry Notice

Dear Sir:

Please find attached Sundry Notice for the above referenced lease.

If you need further information, please contact John Middleton at
(303) 620-8486.

Sincerely,



for Robert L. Namken
Division Manager/
Drilling & Production

JHM/bh

Enclosure

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 NOV 13 1981

2. NAME OF OPERATOR
Snyder Oil Company

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 701.7' FNL, 1820' FWL (NE NW)
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same

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

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other)

5. CASE NO. U-20335

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

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Coal Bed Canyon

9. WELL NO.
1-13

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 13, T35S-R25E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6689 GR

(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.)*

~~Change 200' of 13-3/8" surface casing to 40' of 16" conductor.~~

40' of 16" conductor can not replace 200' of 13 3/8" surface casing; IT IS NEEDED TO HOLD THE B.O.P. THE USGS WOULD ALLOW A 40' of 16" conductor in addition to the 200' of 13 3/8" surface casing

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

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

SIGNED Robert L. Namken TITLE Div Mgr/Drlg & Prod DATE November 6, 1981

(This space for Federal or State office use)
APPROVED BY E. W. GYNN TITLE DISTRICT ENGINEER DATE NOV 9 1981

CONDITIONS OF APPROVAL IF ANY _____

Open

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84116
 328-5771

State Lease No. _____
 Federal Lease No. U-20335
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY San Juan FIELD/LEASE Coal Bed Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
November-December, 1981

Agent's Address SOCO Plaza - 7th Floor
1800 Glenarm Place
Denver, CO 80202
 Phone No. (303) 620-8400

Company Snyder Oil Company
 Signed *R. L. Tomlin*
 Title Division Manager-Drilling & Production

Sec. and % of %	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
NENW 13	35S	25E	1-13	0	0	-	0	0	0	Spud 11/8 Rig Release 12/4 TD 5808' Plugged & Abandoned

GAS: (MCF)
 Sold 0
 Flared/Vented 0
 Used On/Off Lease 0

OIL or CONDENSATE: (To be reported in Barrels)
 On hand at beginning of month 0
 Produced during month 0
 Sold during month 0
 Unavoidably lost 0
 Reason: _____
 On hand at end of month 0

SOCO
Snyder Oil Company

Gary R. Haefele
Senior Vice President-Production

SOCO Plaza, 7th Floor
1800 Glenarm Place
Denver, Colorado 80202
(303) 620-8400

January 21, 1982

RECEIVED
JAN 27 1982

State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

**DIVISION OF
OIL, GAS & MINING**

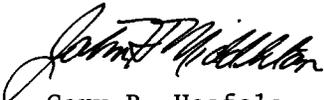
Attention: Debbie

RE: Coal Bed Canyon 1-13
NE4 NW4, Section 13, T35S, R25E
Sna Juan County, Utah

Dear Debbie:

Please find attached all the permits and notices filed with the
U. S. Geological Survey for the above referenced well.

Very truly yours,

for 
Gary R. Haefele

Senior Vice President,
Production

JHM/bh

Enclosures

File Permits
SOCO

Snyder Oil Company

Gary R. Haefele
Senior Vice President-Production

SOCO Plaza, 7th Floor
1800 Glenarm Place
Denver, Colorado 80202
(303) 620-8400

December 7, 1981

U. S. Geological Survey
8426 Federal Building
125 South State Street
Salt Lake City, Utah 84138

Attention: District Oil & Gas Supervisor

RE: Lease #U-20335

~~Spal Bed Canyon~~

NE4 NW4, Sec. 13, T35S-R25E
San Juan County, Utah

Dear Sir:

Please find attached three (3) copies of Sundry Notice (Form 9-331) for the abandoning of the subject well.

Very truly yours,

Gary R. Haefele

Gary R. Haefele
Senior Vice President,
Production

JHM/bh

Enclosure

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 **water: Dry**

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. See space 17 below.)
AT SURFACE: 701.7' FNL, 1820' FWL (NE NW)
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same

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

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORTS:
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) <input type="checkbox"/>	<input type="checkbox"/>

RECEIVED

JAN 27 1982

DIVISION OF
OIL, GAS & MINING

(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.)*

Received verbal approval to Plug & Abandon Well on 12/02/81 as follows on 12/04/81:

5808-5708'	36 sx Class "H" 11.2% D-13
4562-4462'	same
2117-2019'	same
50' to surface	18 sx Class "H" 11.2% D-13

left 2067', 9-5/8", 36#/ft, K-55 casing in hole

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

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

SIGNED Robert L. Namken TITLE Div Mgr/Drlg & Prod DATE 12/07/81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions on Reverse Side

** FILE NOTATIONS **

DATE: 2-26-82

OPERATOR: Snyder Oil Co.

WELL NO: Coal Bed Canyon 1-13

Location: Sec. 13 T. 35S R. 25E County: San Juan

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-037-30765

CHECKED BY:

Petroleum Engineer: _____

Director: _____

Administrative Aide: has just rule C-3

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

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

Plotted on Map

Approval Letter Written

Hot Line

P.I.

March 9, 1982

Snyder Oil Company
SOCO Plaza, 1800 Glenarm Place
7th Floor
Denver, Colo. 80202

RE: Well No. Coal Bed Canyon #1-13,
Sec. 13, T. 35S, R. 25E,
San Juan County, Utah

It has come to our attention that the above referred to well has been drilled and abandoned without having approval from this office. For future reference any thing that you drill in the State of Utah has to be approved by this office prior to drilling. In the event that this should happen again we will bring you before the Board of Oil, Gas and Mining and require that an individual well bond be filed with this office to insure compliance with the General Rules and Regulations and Rules of Practice and Procedure, (A copy of which is enclosed).

If you have any questions, please feel free to contact this office.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

CBF/db
CC: USGS
Enclosure



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

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

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

March 12, 1982

Snyder Oil Company
SOCO Plaza, 1800 Glenarm Place
7th Floor
Denver, Colorado 80202

Re: Well No. Coalbed Canyon Unit #1-13
Sec. 13, T. 35S, R. 25E.
San Juan County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

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

Cari Furse
Clerk Typist

SOCO
Snyder Oil Company

SOCO Plaza, 7th Floor
1800 Glenarm Place
Denver, Colorado 80202
(303) 620-8400

April 7, 1982

State of Utah
Department of Natural Resources
Division of Oil Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

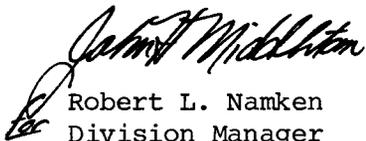
RE: Lease #U-20335
Coal Bed Canyon 1-13
NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 13, T35S, R25E
San Juan County, Utah

Gentlemen:

Please find attached three copies of the completion report for the subject well which has been plugged and abandoned.

If you have any questions, please contact John Middleton at the above listed telephone number.

Very truly yours,



Robert L. Namken
Division Manager
Drilling & Production

JHM/sw

Attachments

RECEIVED
APR 12 1982

DIVISION OF
OIL, GAS & MINING

3

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

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.

2. NAME OF OPERATOR
Snyder Oil Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 702' FNL, 1920' FWL (NE4 NW4)
At top prod. interval reported below
At total depth same

RECEIVED
APR 12 1982

DIVISION OF
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

U-20335

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Coal Bed Canyon

9. WELL NO.

1-13

10. FIELD AND POOL, OR WILDCAT

Wilcat

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

Sec. 13, T35S-R25E

12. COUNTY OR PARISH
San Juan
13. STATE
UT

15. DATE SPUDDED 11/8/81 16. DATE T.D. REACHED 12/2/81 17. DATE COMPL. (Ready-to-prod.) 12/4/81 P & A 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6680' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5808' 21. PLUG, BACK T.D., MD & TVD Surface 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY → 24. ROTARY TOOLS 0-5808' 25. 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
DLL/FR, FDC/CNL, BHC Sonic
27. WAS WELL CORRD
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	2067'	12-1/4"	700 sx Pozmix, 150 sx "B"	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE 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 Robert L. Namken TITLE Div Mgr/Drlg & Prod DATE 3/19/82

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 appendices 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 agency. See Instructions on Items 22 and 24, and 30, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all pertinent well identifiers, geologists, samples 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 filed on this form, see Item 35.

Item 1: 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 10: 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: 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 RECORDING		38. GEOLOGIC MARKERS																						
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.																					
			<div style="border: 1px solid black; padding: 10px; margin: 0 auto; width: 80%;"> <p style="font-size: 2em; margin: 0;">RECEIVED</p> <p style="margin: 5px 0 0 0;">SEP 16 1985</p> <p style="margin: 0 0 0 0;">DIVISION OF OIL GAS & MINING</p> </div>																					
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">NAME</th> <th style="width: 25%;">MEAS. DEPTH</th> <th style="width: 25%;">TRUE VERT. DEPTH</th> </tr> </thead> <tbody> <tr> <td>NONAKER TRAIL</td> <td style="text-align: center;">4346'</td> <td></td> </tr> <tr> <td>ISMAY</td> <td style="text-align: center;">5456'</td> <td></td> </tr> <tr> <td>GOthic</td> <td style="text-align: center;">5630'</td> <td></td> </tr> <tr> <td>DESERT CREEK</td> <td style="text-align: center;">5688'</td> <td></td> </tr> <tr> <td>AKAH</td> <td style="text-align: center;">5768'</td> <td></td> </tr> <tr> <td>SALT</td> <td style="text-align: center;">5800'</td> <td></td> </tr> </tbody> </table>	NAME	MEAS. DEPTH	TRUE VERT. DEPTH	NONAKER TRAIL	4346'		ISMAY	5456'		GOthic	5630'		DESERT CREEK	5688'		AKAH	5768'		SALT	5800'	
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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

June 15, 1982

Snyder Oil Company
1800 Glenarm Plaze
SOCO Plaza 7th Floor
Denver, Colorado 80202

Re: Well No. Coal Bed Canyon #1-13
Sec. 13, T. 35S, R. 25E.
San Juan County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office March 19, 1982, from above referred to well, indicates the following electric logs were run: DLL-FR, FDC-CNL, BHC-Sonic. As of todays date, this office has 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

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

Cari Furse
Clerk Typist

P&A

SOCO
Snyder Oil Company

SOCO Plaza, 7th Floor
1800 Glenarm Place
Denver, Colorado 80202
(303) 620-8400

June 22, 1982

State of Utah Natural Resources & Energy
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attn: Cari Furse

Re: Coal Bed Canyon #1-13
Section 13, T35S, R25E
San Juan County, Utah

Dear Ms. Furse:

As requested in your letter of June 15, 1982, copies of the following logs for the above referenced well are enclosed: DLL-FR, FDC-CNL and BHC-Sonic.

Sincerely,

Joyce Tattershall

Joyce Tattershall
Geology Department

Enclosures

RECEIVED
JUN 25 1982

DIVISION OF
OIL, GAS & MINING



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

August 15, 1985

Snyder Oil Company
1800 Glenarm Place 6th Floor
Denver, Colorado 80202

Gentlemen:

Re: Well No. Coal Bed Canyon 1-13 - Sec. 13, T. 35S., R. 25E.,
San Juan County, Utah - API #43-037-30765

This letter is to advise you that Sec. 38, Geologic Markers, on the back side of the "Well Completion or Recompletion Report and Log" for the above referenced well was not filled in when this report was submitted.

We are sure this was an oversight on your part and we request that you complete the enclosed Form OGC-3 and forward it to this office as soon as possible, but not later than August 29, 1985.

Sincerely,

A handwritten signature in cursive script that reads "Pam Kenna".

Pam Kenna
Well Records Specialist

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0161S/41

RECEIVED

SEP 16 1985

September 11, 1985

DIVISION OF OIL
GAS & MINING

State of Utah
Natural Resources - Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Pam Kenna

RE: Coal Bed Canyon 1-13
Section 13, T35S-R25E
San Juan County, Utah

Gentlemen:

Per your letter dated August 15, 1985, regarding the above referenced well, enclosed please find one copy of form OGC-3 with the geologic markers listed.

We apologize for any inconvenience this might have caused you.

Sincerely,



Gary R. Haefele
Senior Vice President - Production

GRH:jyt

Enclosure