

FILE NOTATIONS

Entered in NID File _____
 Entered On S.R. Sheet _____
 Location Map Placed _____
 Card Indexed _____
 IWR for State or Fee Land _____

Checked by Chief _____
 Copy NID to Field Office _____
 Approval Letter _____
 Disapproval Letter _____

COMPLETION DATA:

Date Well Completed _____
 OW _____ WW _____ ZA _____
 GW _____ CR _____ PA _____

Location Reported _____
 Sand released _____
 State of Fee Land _____

LOGS FILED

Driller's Log _____
 Electric Logs (No.) _____
 E _____ I _____ E-I _____ GR _____ GR-N _____ Misc _____
 Lot _____ M-L _____ Soak _____ Others _____

UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE FILED 5-27-80

LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. 42-0352 _____ INDIAN _____

DRILLING APPROVED: 5-28-80

SPUDED IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: LOCATION ABANDONED* WELL NEVER DRILLED

FIELD: WILDCAT 3/86

UNIT: _____

COUNTY: CARBON

WELL NO. SMITH FEDERAL #24-7

API NO. 43-007-30051

LOCATION 509' FT. FROM ~~XXX~~ (S) LINE.

2050'

FT. FROM ~~XXX~~ (W) LINE.

SE SW

1/4 - 1/4 SEC. 7

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				12S	7E	7	DIAMOND SHAMROCK

14

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
Diamond Shamrock Corporation

3. ADDRESS OF OPERATOR
5730 W. Yellowstone Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
2050' FWL & 509' FSL SE/SW
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
5.1 miles north of Scofield, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 509'

16. NO. OF ACRES IN LEASE 1801

17. NO. OF ACRES ASSIGNED TO THIS WELL 640

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

19. PROPOSED DEPTH 6,300' Dakota

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7,676' GR.

22. APPROX. DATE WORK WILL START*
July 15, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	36#	600'	Circ. to surface
8 3/4"	7 "	23# & 26#	4,500'	300 sxs.
6 1/8"	4 1/2"	11.6	6,300'	300 sxs.

Plan to drill to approximately 600 ft. and set 9 5/8" casing. Will install and pressure test B.O.P. Will resume drilling to approximately 4,500' and set 7" intermediate casing. Will reinstall and pressure test B.O.P. equipment. Will drill ahead to approximately 6,300' and if commercial production is indicated, will set 4 1/2" casing and complete well.

SAFETY EQUIPMENT PROGRAM

Refer to Safety and Geological Statement.

RECEIVED
MAY 27 1980

DIVISION OF
OIL, GAS & MINING

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

24. SIGNED [Signature] TITLE Dist. Drlg. Supt. DATE 5-23-80

(This space for Federal or State office use)

PERMIT NO. 43-007-30051 APPROVAL DATE 5/28/80

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING

DATE: 5-28-80

BY: [Signature]

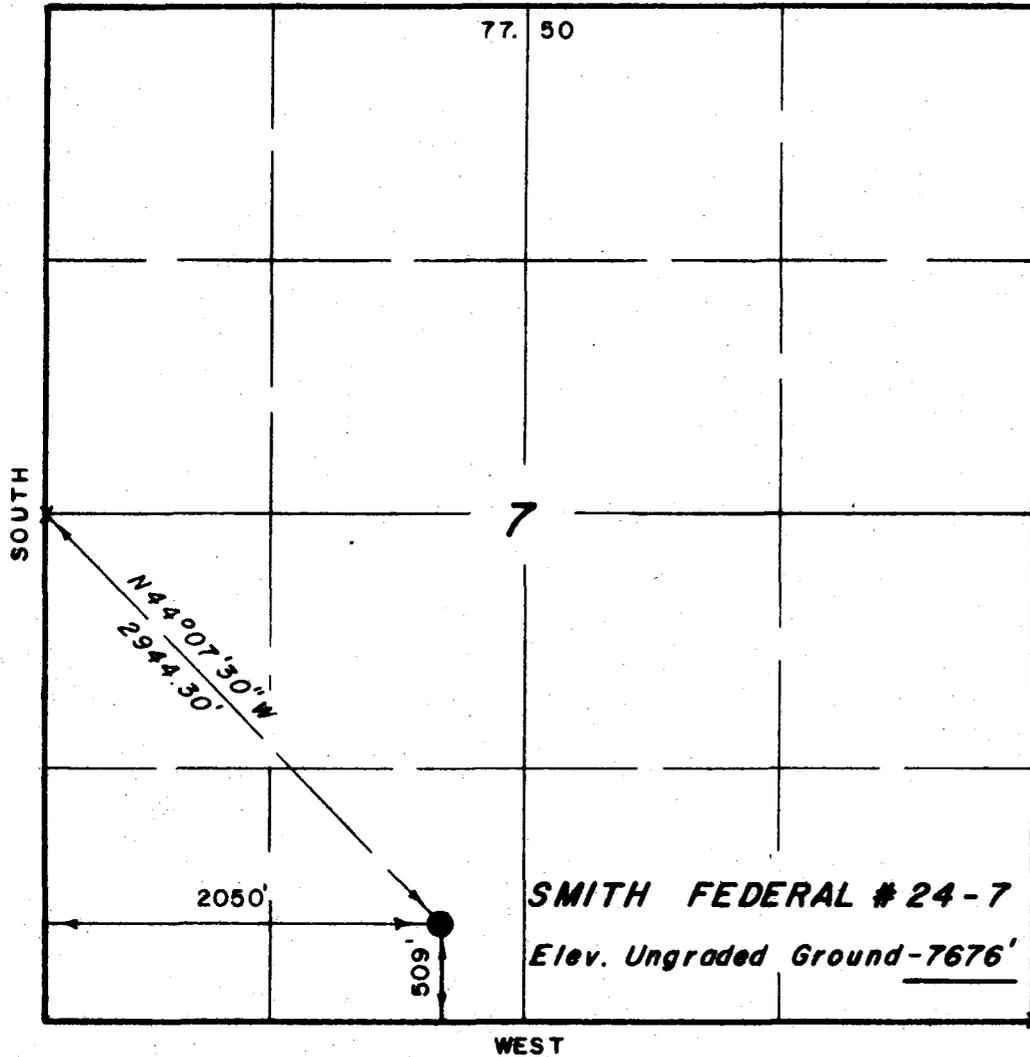
*See Instructions On Reverse Side

T 12 S, R 7 E, S.L.B. & M.

PROJECT

DIAMOND SHAMROCK

Well location, **SMITH FEDERAL #24-7**, located as shown in the SE 1/4 SW 1/4 Section 7, T12S, R7E, S.L.B. & M. Carbon County, Utah.



CERTIFICATE

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

John A. Marshall
 REGISTERED LAND SURVEYOR
 REGISTRATION NO 2454
 STATE OF UTAH

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

SCALE	1" = 1000'	DATE	5/7/80
PARTY	D.A. M.H. S.B.	REFERENCES	GLO Plat
WEATHER	Cloudy & Raining	FILE	DIAMOND SHAMROCK

X = Section Corners Located



Diamond Shamrock

Oil and Gas Unit

GENERAL GEOLOGIC AND SAFETY EQUIPMENT PROGRAM

Smith Federal 24-7
Sec. 7, T12S, R6W
Carbon County, Utah
Lease No. 42-0352

1. GEOLOGIC NAME OF SURFACE FORMATION

Mesa Verde is the surface formation.

2. ESTIMATED FORMATION TOPS

Emery	1,386'
Ferron	4,986'
Tununk Sh.	5,586'
Dakota	5,886'
T. D.	6,300'

3. ESTIMATED DEPTHS OF WATER, OIL OR MINERALS

Gas: Commerical depositis of gas are anticipated in the Dakota formation.

Oil: Small quantities of oil are expected in conjunction with gas production in the Dakota formation.

Water: No fresh water is anticipated below 500 ft. brackish water could exist below 500 ft. The drilling fluid however, will contain the brackish water within its formation.

Mineral Deposits: No known mineral deposits will be penetrated.

4. PROPOSED CASING PROGRAM

<u>Size</u>	<u>Grade</u>	<u>Wt/Ft.</u>	<u>Condition</u>	<u>Depth Set</u>
9 5/8"	K-55	36.0#	New	600'
7"	K-55	23# & 26#	New/Used	4,500'
4 1/2"	K-55	11.6#	New/Used	6,300'

GENERAL GEOLOGIC AND SAFETY EQUIPMENT PROGRAM
(Page 2)

Smith Federal 24-7
Sec. 7, T12S, R6W
Carbon County, Utah
Lease No. 42-0352

5. PRESSURE CONTROL EQUIPMENT

- A. Refer to Diagram A.
- B. Minimum pressure ratings on any and all B.O.P. or related control equipment will be 3,000#/in.
- C. B.O.P. stack will be pressure tested to 2,000#/in. prior to drilling out of surface casing. The stack will then be checked on each trip to insure workability.

6. DRILLING FLUIDS

Water will be used to approximately 4,500 ft. and then a low solids gel/water mud will be utilized with the density being controlled to control formation fluid.

7. AUXILIARY EQUIPMENT

1. Upper and lower kelly cock.
2. Floats will be used as needed.
3. Visual monitoring of mud pits.
4. One full opening stabbing valve on floor at all times.

GENERAL GEOLOGIC AND SAFETY EQUIPMENT PROGRAM
(Page 3)

Smith Federal 24-7
Sec. 7, T12S, R6W
Carbon County, Utah
Lease No. 42-0352

8. EVALUATION PROCEDURES

1. Drill Stem Tests: As determined by the on sight geologist.
2. Coring: None Planned.
3. Loggine: IES and Density.
4. Completion Plan: If commerical hydrocarbons are found in the Dakota formation a fracturing procedure may be used, the pumping equipment, tanks of combustible fluid (If not Hydrofrac) and well head will be a minimum of 125' apart. Fracturing size will be determined after evaluation of logs, appropriate Sundry Notices will be submitted.

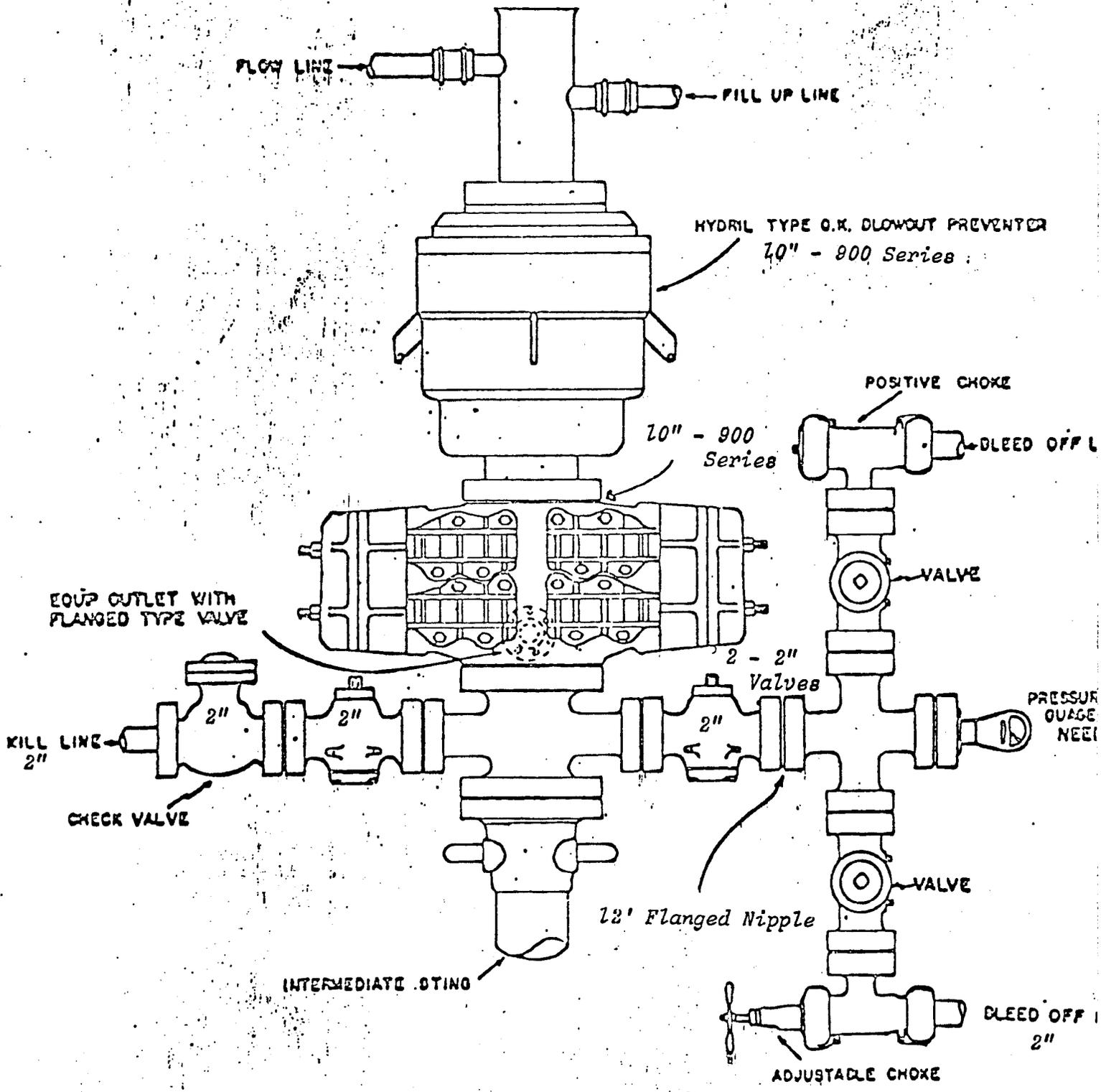
9. ABNORMAL DRILLING CONDITIONS

1. Abnormal Pressure: Possible 9.0#/gal. pressure gradient in the Dakota.
2. Abnormal Temperatures: None Anticipated.
3. Hydrogen Sulfide: None Anticipated.

10. ANTICIPATED STARTING DATE

July 15, 1980.

DIAGRAM A



NOTE: BLOWOUT PREVENTER HAS DOUBLE RAMS;
ONE BLIND AND ONE PIPE RAM.

** FILE NOTATIONS **

DATE: May 28, 1980
OPERATOR: Diamond Shamrock
WELL NO: Smith Federal #24-7
Location: Sec. 7 T. 12S R. 7E County: Carbon

File Prepared: Entered on N.I.D:
Card Indexed: Completion Sheet:

API Number 43-007-30051

CHECKED BY:

Petroleum Engineer: W.J. Menden 5-28-80

Director: _____

Administrative Aide: _____

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

#1

Lease Designation Plotted on Map

Approval Letter Written *WJM*

Hot Line P.I.

May 29, 1980

Diamond Shamrock Corporation
5730 West Yellowstone
Casper, Wyoming 82601

Re: Well No. Smith Federal #24-7
Sec. 7, T. 12S, R. 7E.,
Carbon County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

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

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-5001

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

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

The API number assigned to this well is 43-007-30051.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/bdm

cc: USGS

April 27, 1981

Diamond Shamrock Corporation
5730 West Yellowstone
Casper, Wyoming 82601

Re: Well No. Smith Federal #24-7
Sec. 7, T. 12S. R. 7E.
Carbon County, Utah

Gentlemen:

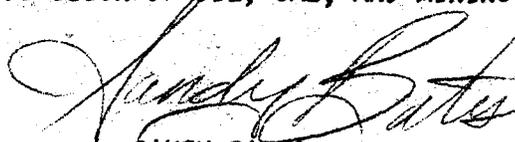
In reference to the above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not recieved any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan on drilling this location ataa laterddate, please notify as such.

Your prompt attention thothe above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING



SANDY BATES
CLERK-TYPIST



Diamond Shamrock

Oil and Gas Unit

May 4, 1981

Sandy Bates
State of Utah
Department of Natural Resources
Division of Oil, Gas and Minerals
1588 West North Temple
Salt Lake City, Utah 84116

L.A.

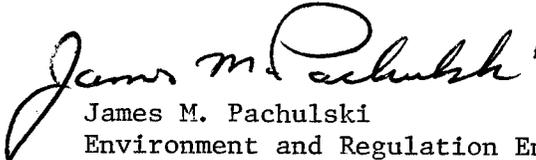
Re: Cancel application for permit
to drill.

Dear Sandy:

In reply to your letter dated April 27, 1981, Diamond Shamrock Corporation requests permission to cancel approved drilling permit on the Smith Federal 24-7, Section 7, T12S, R7E, Carbon County, Utah.

Thank you.

Sincerely,


James M. Pachulski
Environment and Regulation Engineer

JMP:jp

RECEIVED
MAY 6 1981

DIVISION OF
OIL, GAS & MINING