

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

TIGHT HOLE

5. Lease Designation and Serial No.

ML-28640

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

8. Farm or Lease Name

West Rozel State

2. Name of Operator

Amoco Production Company

9. Well No.

#3

3. Address of Operator

P.O. Box 17675, Salt Lake City, UT 84117

10. Field and Pool, or Wildcat

Wildcat

4. Location of Well (Report location clearly and in accordance with any State requirements.*)

At surface

NW/4 NW/4 1100' FNL & 200' FWL*

At proposed prod. zone

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 23 T8N, R8W

14. Distance in miles and direction from nearest town or post office*

12. County or Parrish 13. State

Box Elder Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

200'

16. No. of acres in lease

2560

17. No. of acres assigned to this well

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

3000

20. Rotary or cable tools

Rotary

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

22. Approx. date work will start*

When Approved

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
Driven	20"		350'	
17 1/2"	13 3/8"		2160'	suff. to circulate to surface
12 1/4"	9 5/8"		3000'	Upon logging, cement from above basalt to surface.

TIGHT HOLE

Propose to drill a well on West Rozel structure. Well to be drilled in the Great Salt Lake in compliance with the State of Utah "Operating Rules and Regulations Governing Drilling Procedures in the Great Salt Lake" adopted July 18, 1973. An Oil Spill Contingency Plan is on file with your office.

*NOTE: Survey plats will be forwarded to your office upon preparation.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 6-13-80

BY: M.S. Minder

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

D.S. Davidson

Title Dist. Admin. Supervisor

(This space for Federal or State office use)

Permit No.

Approval Date

6-2-80
RECEIVED
JUN 9 1980

Approved by

Title

Date

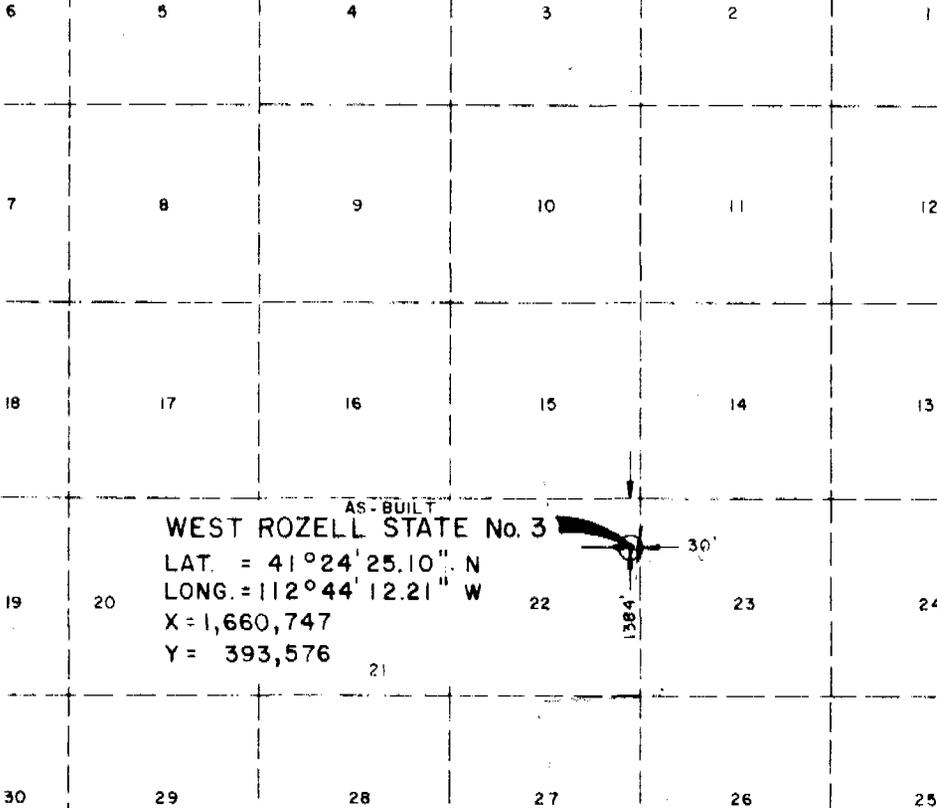
Conditions of approval, if any:

DIVISION OF OIL, GAS & MINING

T 9 N
T 8 N

R 9 W
R 8 W

R 8 W
R 7 W

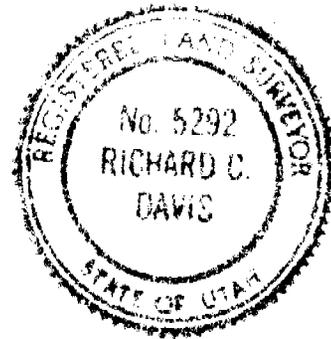


30' FSL
1384' FSL
NESE

SCALE 1" = 1 MILE

CERTIFICATE OF SURVEYOR

I hereby certify that I am properly registered and licensed to practice land surveying in the State of Utah and that this plat represents a location survey made by me or under my supervision, and that all dimensions and other details are correct.



Aug. 21, 1980
Date

Richard C. Davis
Surveyor

Date of Survey Aug. 20, 1980

AS-BUILT
WEST ROZELL STATE No. 3
 Located in the Protracted
 NE 1/4 SEC. 22, T 8 N, R 8 W, SALT LAKE MERIDIAN, UTAH
 Surveyed for
AMOCO PRODUCTION CO.
 Salt Lake City, Utah
 Surveyed by
F. M. LINDSEY & ASSOC.
 LAND & HYDROGRAPHIC SURVEYORS
 2502 West Northern Lights Boulevard Box 4-081
 Anchorage Alaska

NOTE :

I. Coordinates are Utah State Plane, North Zone.

ATTACHMENT TO FORM OGC-1a

West Rozel State Unit #3

1. Geologic name of the surface formation: Tertiary

2. Estimated tops of geological markers:

1st Basalt 2160'

3. Estimated depths anticipated to encounter water, oil or gas, and other mineral-bearing formations:

See Item #2 above

4. Casing Program: See Form OGC-1a, Item #23

5. Operators specifications for pressure control equipment are shown on the attached schematic diagram. Testing of such shall be in compliance with the "Operating Rules and Regulations Governing Drilling Procedures in the Great Salt Lake".

6. Mud Program:

Surface to Total Depth: Low solid, non-dispersed,
8.6-9.0 #/gal. Viscosity
as required to clean hole.

7. Testing Program:

Borehole gravimeter and televiewer may be run at TD intervals and will be determined by exploration department.

Logging Program:

Dual Induction - SFL*	Base of conductor pipe to TD
Int. BHC Sonic w/ Caliper	" " " " " "
CNL-FDC w/ GR	" " " " " "
High resolution dipmeter	" " " " " "

*Dual laterlog if mud properties require.

Coring Program:

None

Stimulation Program:

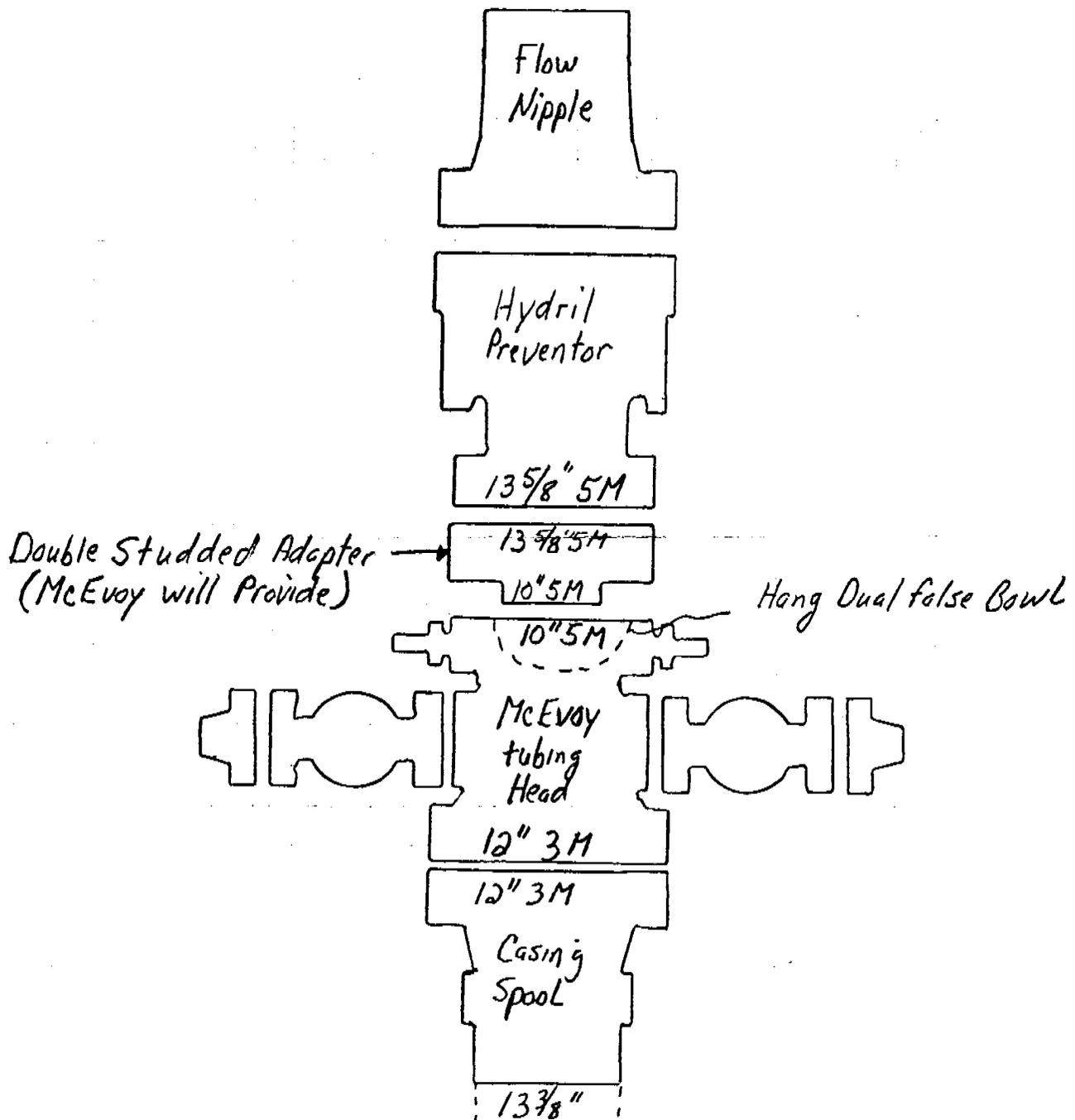
To be determined by the Denver Division office upon completion of drilling operations.



SUBJECT Figure #1: Surface Set up
Prior to Running tubing

DATE 10-9-80

BY HLN



CONFIDENTIAL

CONFIDENTIAL

** FILE NOTATIONS **

DATE: June 9, 1980

OPERATOR: Amoco Production Company

WELL NO: West Boze! State ~~W-1~~ #3

Location: Sec. 23 T. 8N R. 84W County: Box Elder

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-003-30014

CHECKED BY:

Petroleum Engineer: M.J. Minder 6-13-80

Director: _____

Administrative Aide: _____

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 150-2 11/20/74

O.K. Rule C-3

#3

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

Lease Designation State

Plotted on Map

Approval Letter Written

Hot Line

P.I.

CONFIDENTIAL

June 16, 1980

Amoco Production Company
P.O. Box 17675
Salt Lake City, Utah 84117

Re. Well No. West Rozel St
~~Unit~~ #3
Sec. 23, T8N, R8W
Box Elder, County, Ut

Insofar as this office is concerned, approval to drill the above oil well is hereby granted in accordance with the Order issued in Cause No. 150-2 dated November 20, 1974.

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: 876-3001

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

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

The APT number assigned to this well is 43-003-30014.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

cc: Donald Prince



Amoco Production Company

Post Office Box 17675
Salt Lake City, Utah 84117
801-272-9253

Martin Zimmerman
District Superintendent

September 9, 1980

State of Utah
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, UT 84116

File: MZ-1048-031/WF

Survey Plats - West Rozel State #3, Section 22, T8N, R8W, Box Elder County,
Utah

*LOUISIANA
STATE*

Enclosed herewith are copies of the final survey plats for the subject well.

Please note that the actual footage location as surveyed with the anchor pilings driven and the barge in place, does differ from the location indicated on the original "Application for Permit to Drill". It is requested that your files be corrected to reflect the actual footage as indicated in the attached plats.

Should you require additional information relative to the West Rozel State #3 well, please advise.

M. Zimmerman

Martin Zimmerman

Enclosures

SW/crj





Amoco Production Company

Post Office Box 17675
Salt Lake City, Utah 84117
801-272-9253

Martin Zimmerman
District Superintendent

December 10, 1980

Mr. Jack Fight
State of Utah, Dept. of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

File: MZ-1622-092.5

Attached is the new design being employed for wellheads on the North End development drilling on the Great Salt Lake. This design is being used on the West Rozel #3 during its production testing.

Any questions on its use should be directed to Harold L. Neal, Jr. (ext. 218) here in the Salt Lake City office.

M. Zimmerman VJS

Martin Zimmerman
District Superintendent

MAS/kah

Attachment

RECEIVED

DEC 10 1980

DIVISION OF
OIL, GAS & MINING

SUBMIT IN DUPLICATE*

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

ML - 28640

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

West Rozel State

9. WELL NO.

#3

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Section 22, T8N-R8W

12. COUNTY OR PARISH

Box Elder

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 P & A

2. NAME OF OPERATOR
Amoco Production Company

3. ADDRESS OF OPERATOR
P.O. Box 17675, Salt Lake City, Utah 84117

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

At surface NE/4 NE/4 Section 22, T8N-R8W, Box Elder Co. FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-003-30014
DATE ISSUED 6-16-80

15. DATE SPUNDED 7-24-80
16. DATE T.D. REACHED 8-13-80
17. DATE COMPLETION (Top Prod.) 1-7-81
18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 4200' Lake Level
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 2790'
21. PLUG, BACK T.D., MD & TVD 2385'
22. IF MULTIPLE COMPLET., HOW MANY*
23. INTERVALS DRILLED BY Surface TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
None
25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL-SFL, BHC-Sonic, Directional, DIL-GR, Sonic, CNL-FDC, Dipmeter, Borehole Televiewer, CBL
27. WAS WELL CORED Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
30"	---	100'	---	Driven	50'
20"	---	266'	---	150 sx	50'
13 3/8"	68#	2223'	17 1/2"	2200 sx	50'
9 5/8"	40#	2428'	12 1/4"	---	50'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		NONE				NONE	

30. TUBING RECORD

PERFORATION RECORD (Interval, size and number)	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
2304' - 2324' .46 2 JSPF	DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
2318' - 2338' .46 2 JSPF	NONE

31. PRODUCTION

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

DATE OF TEST _____ HOURS TESTED _____ CHOICE SIZE _____ PERIOD FOR TEST _____ OIL—BBL. _____ GAS—MCF. _____ WATER—BBL. _____ GAS-OIL RATIO _____

FLOW, TUBING PRESS. _____ CASING PRESSURE _____ CAL. PLATE _____ 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 Ed N. Johnson TITLE Administrative Supervisor DATE 1-27-81

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

TIGHT HOLE

8 07

INSTRUCTIONS

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

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

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

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

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

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		GEOLOGIC MARKERS		
				DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Core	#1	2234'	2254'	Cut 20'	Rec. 18½'	No description given	Basalt	2220'
	#2	2254'	2274'	20'	20'	No description given		
	#3	2274'	2294'	20'	20'	No description given		
	#4	2294'	2314'	20'	20'	No description given		
	#5	2314'	2334'	20'	6½'	No description given		
	#6	2334'	2354'	20'	12'	No description given		
	#7	2354'	2374'	20'	13'	No description given		
	#8	2374'	2392'	18'	16'	No description given		
	#9	2392'	2412'	20'	20'	No description given		
	#10	2412'	2432'	20'	20'	No description given		
	No DST's							